

ID	Material	Material Grade	Brand	Densit	Charateristics	Application
1	ABS	ABS 15E1	TAIRILAC	1.05	/	/
2	ABS	ABS BASF Terluran GP-22	BASF	1.04	Terluran GP-22 is and easy-folw, general purpose injection molding grade with high resistance to impact and heat distortion	intended for wide range of applications, particularly in the housings sector
3	ABS	ABS BASF Terluran GP-35	BASF	1.04	Terluran GP-35 is high-flow, general purpose injection molding grade with good ductility, intended for moldings with thin walls and/or adverse flow length to wall ratio.	Injection molding Thin wall components for telecommunications Household and sanitary appliances Toys Automotive components
4	ABS	ABS Chimei 777D,Natural	Chimei	1.06	Heat resistance grade,Super heat resistance, impact strength	Heating appliances shell, dry hair blow hair-dryer, iron shell, fan heater, auto parts, water tank cover
5	ABS	ABS Chimei PA-747R,Natural	Chimei	1.04	Extrusion grade,High impact strength, Special-shaped extrusion materials	Luggage,suitcase,Refrigerator plate
6	ABS	ABS Chimei PA-757,Natural	Chimei	1.05	General purpose, High rigidity, High gloss,Impact strength	Copy machine shell,phone,TV shell casing,cosmetics box,the tyre cover
7	ABS	ABS Chimei PA-758,clear	Chimei	1.07	Transparent grade	Air conditioning panel, a washing machine cover, vacuum cleaner shell, shell 3 c products, home appliances, stationery
8	ABS	ABS Chimei PA-765A,Natural (UL94-V0)	Chimei	1.05	Fire prevention grade,High flow 1.5mm V-1 2.1mm V-0 2.1mm 5VB 2.5mm 5VA (TBBA)	Power off display, set-top boxes, modem open panel, power outlet, car batteries, printer, cash register shell, electric meter shell shell, remote control, light boxes, fax machines, projectors
9	ABS	ABS Chimei 777B	Chimei	1.06	Heat resistance grade,High-impact strength	Heating appliances shell, dry hair blow hair-dryer, iron shell, fan heater, auto parts, water tank cover
10	ABS	ABS Chimei PA-717C	Chimei	1.05	high impact	Kitchen / audio products / washing machine / vacuum cleaner housings / tool handle accessories
11	ABS	ABS Chimei PA-737,Natural	Chimei	1.04	High Flowability	Large area or thin-wall molded products

12	ABS	ABS Chimei PA-746H,Natural	Chimei	1.03	High flow ability, high impact strength.	Its specificity are similar to PA-747 / Excellent flowability, suitable for thin wall or complicated products, ex: side fender of motorcycle.
13	ABS	ABS Chimei PA-747,Natural	Chimei	1.03	Ultra-High Impact Strength	Safety helmets / motorcycle fenders / shoe heels / snow sport products / water filter casings
14	ABS	ABS Chimei PA-763,UL94-V0	Chimei	1.19	Light-resistance heat-resistance high-impact 1.5mm V-0 2.5mm 5VA	
15	ABS	ABS Cypolac Resin MG37EPX	Sabic	1.05	ABS plating grade optimized for a broad processing window for both painted and plated applications.	
16	ABS	ABS Lustran 348	Styrolution	1.06	Healthcare certifications High gloss Medium impact Meets FDA modified ISO 10993-1 requirements Meets U.S. Pharmacopeia 23 Class VI test requirements	Components of intravenous (IV)systems Surgical instruments Diagnostic test kits
17	ABS	ABS Sabic Cypolac FR15U,Natural	Sabic	1.19	Flame retardant ABS. Excellent indoor UV properties. Excellent moldability. UL94 V-0/5VA rated.ing.	Auto parts (dashboard, tool doors, wheel cover, mirror box), radio chassis, telephone handle, type mechanical plate, vacuum cleaners, hair dryers, mixing machine, lawn mower
18	ABS	ABS Sabic MG47F	Sabic	1.04	FDA,UL94-HB	FDA compliant
19	ABS	ABS TAIRILAC AG15A1	Formosa Plastics Corporation	1.05		FCFC ABS resin AG15A1 meets the requirements of UL, SGS, FDA and the certificates of environmental protection.
20	ABS	ABS Terluxe 2822HD	BASF	1.08	Terluxe 2822 HD is a new standard-injection molding grade based on a MABS polymer. Terluxe 2822 HD offers a well balanced combination of;Good resistance to chemicals;Good Stiffness and surface finish;High impact strength;HD service package available;Medical devices	Medical/Healthcare Applications
21	ABS+10%GF	ABS+10%GF Lupos GP2100	LG	1.1	Flame retardant, flame rating	Electric & Electronic (Housing, Components)

22	ASA	ASA Luran S 757G	INEOS	1.07	Luran S 757G provides the best flowability within the product line and is therefore in particular suitable for demanding injection molding geometries.	
23	GPPS	GPPS POLYREX PG-383	Chimei	1.05	POLYREX PG-383 is a General Purpose Polystyrene product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.	
24	PS	GPPS Chimei PG-33,Clear	Chimei	1.05	General grade,General injection molding,Wear-resisting, cold resistant, drawing, processing and good mechanical, cold resistance, resistance to abrasion	Lamp shade, transparent food containers, cassette tape cartridge
25	PE(HDPE)	HDPE LG ME9180,Natural	LG	0.958	Complicated parts,light-weight household,High rigidity, injection molding	General household products, large FRP products, industrial parts, disposable products, carrying case and so on
26	HDPE	HDPE Marlex 9006	Chevron Phillips	0.953		
27	PE(HDPE)	HDPE Sabic M80064,Natural	Sabic	0.964	High liquidity, high stability, high impact toughness, high insulation, high plasticity and high cold resistance	Used in electrical, chemical, food, machinery manufacturing, and agricultural, medicine and health care, family daily every aspect, such as injection molding
28	PE(HDPE)	HDPE Sidpec 6070 UA	SIDPEC	0.96		Crates Boxes Seats Pallets
29	PE(HDPE)	HDPE Taisu 8050,Natural	Taisu	0.96	High strength, high rigidity, good processability, good resistance to low temperature brittle	Beer case, carrying case, medical appliance, leisure tables and chairs, sports gear, plastic water tower, toys with components, industrial safety helmet
30	PS	HIPS Chimei PH-88,Clear	Chimei	1.05	Impact resistance grade,Heat resistance grade, high impact	Daily necessities, toys, electronic products shell
31	Ixef	Ixef 1032	SOLVAY	1.77	Ixef 1032 is a 60% glass-fiber reinforced, general purpose polyarylamide compound which exhibits very high strength and rigidity, outstanding surface gloss, and excellent creep resistance.	Automotive Applications Automotive Electronics Automotive Interior Parts Furniture High Gloss Applications Metal Replacement Sporting Goods
32	LCP	LCP LAPEROS?E130i	Polyplastic	1.61	High Heat Resistance,High Flow, Glass fiber reinforced, Standard	

33	PE(LDPE)	LDPE Dow 722,Natural	Dow	0.936	Low density,Low temperature resistance, most alkali erosion, water imbibition is small	Injection products, turnover box, bottle caps, bucket hats, food containers, plates, dustbin, box, as well as the plastic flowers, blow molding products, extruded products
34	PE(LDPE)	LDPE SAMSUNG HP800,UL94-V0,Black	Samsung	0.923	Extrusion grade,Good mechanical performance ,Crystallization, high resistance to impact, high stiffness, homopolymer and high liquidity	Suitable for trucks, household goods, thin wall parts, container application
35	LLDPE	LLDPE ExxonMobil LLDPE LL 6201 Serie	ExxonMobil	0.926	LL 6201 series are high flow LLDPE grades, which offer a unique combination of excellent processability and outstanding product properties. Parts manufactured from LL 6201 have good gloss and offer advantages in toughness, environmental stress crack resistance, stiffness and heat distortion resistance over comparable low density polyethylene items	
36	MMBS	MMBS-zylar 960	styrolution	1.05	Zylar 960 is an impact modified styrene acrylic copolymer that provides toughness equivalent to some grades of polycarbonate, good clarity and superior processing characteristics for demanding injection molded applications.	PPLICATIONS Appliances and consumer goods Medical devices Toys Office accessories Industrial housings and covers
37	NBR	NBR Black, durometer55	Made in China	1.2		
38	PA(Nylon)6	PA(Nylon)6 Amilan CM1017	Toray	1.29		
39	PA(Nylon)6	PA(Nylon)6 TROGAMID T5000	Evonik	1.12	UL recognition: UL 94:V-2 (NC), RTI=100/80/85°C Permanently transparent, rigid on demoulding, heat resistant, high impact resistant, tracking resistant.	Components for electronics/electrical engineering, pressure sensor bells, flow meters, telecommunications, water resources management, mechanical engineering and plant engineering, the optics industry, medical equipment.
40	PA(Nylon)6	PA(Nylon)6+15%GF Zytel 73G15L,NC010	Dupont	1.14	15% Glass fiber reinforced polyamide 6 resin for injection molding, Gm, a good surface gloss, ultrasonic welding, good stiffness, high gloss, good strength and lubrication	Electrical components, high gloss applications, industrial applications, sporting goods

41	PA(Nylon)6	PA(Nylon)6+20%GF Amilan CM1001G-20	Toray	1.29	Nylon 6 filled with 20% glass fiber, good flow.	Application in the automobile industry, textile and machinery manufacturing, chemical industry, electronic industry, etc
42	PA(Nylon)6	PA(Nylon)6+30%GF Ultramid B3WG6 BK00564 black	BASF	1.36	Glass fibre reinforced and heat ageing resistant injection moulding grade used e.g. for automobile manifolds and pedals.	
43	PA(Nylon)6	PA(Nylon)6+30%GF Zytel 73G30L NC010	Dupont	1.36	30% Glass fiber reinforced polyamide 6 resin for injection molding. Thermoplastic, ultrasonic welding, high gloss, good strength and good rigidity	Electrical components, high gloss applications, industrial
44	PA(Nylon)6	PA(Nylon)6+33%GF BASF 8233G, Natural	BASF	1.39	Resistance of high strength, toughness, resistance to impact, since embellish, good abrasion resistance and drug resistance, low temperature characteristics, has the self-extinguishing	Application in the automobile industry, textile and machinery manufacturing, chemical industry, electronic industry, etc
45	PA(Nylon)6	PA(Nylon)6+40%GF Ultramid 8267G HS BK106 -A	BASF	1.48		
46	PA(Nylon)6	PA(Nylon)6+60%GF Durethan BKV 60 H2.0 EF DUS060	LANXESS	1.7	PA(Nylon) 6, 60 % glass fibers, injection molding, improved flowability, heat-aging stabilized	
47	PA(Nylon)66	PA(Nylon)66 LATAMID 66 H2 G/25-V0HF1	LATI	1.4		
48	PA(Nylon)66	PA(Nylon)66 Vydyne 21SPC	Vydyne	1.14	FDA, Fast Molding cycle, High Rigidity, Oil Resistant.	Applicate at many industrial, Bearings, Cams, Housing, Bushings, Connect ors.
49	PA(Nylon)66	PA(Nylon)66 Zytel 101F NC010, Natural	Dupont	1.14	Fatigue resistance, good moldability, lubrication, fuel resistance, good processing properties, oil resistance, good chemical resistance, resistance to grease, release agent, high liquidity	Widely used in machinery, instruments and meters, automobile parts, electronic electrical, railway, electrical appliances, communications

50	PA(Nylon)66	PA(Nylon)66 Zytel 101L NC010,Natural	Dupont	1.14	Injection molding grade,Good electrical properties, low molecular weight, ultrasonic welding, good wear resistance, lubrication,The weathering resistance, high flow, rapid prototyping	Electrical components, electrical and electronics applications, connectors, automotive applications, fasteners
51	PA(Nylon)66	PA(Nylon)66+13%GF HI UV	Schulamid	1.23		
52	PA(Nylon)66	PA(Nylon)66+13%GF Zytel 70G13HS1L NC010	Dupont	1.23		
53	PA(Nylon)66	PA(Nylon)66+13%GF Zytel 70G13L NC010	Dupont	1.23		
54	PA(Nylon)66	PA(Nylon)66+14%GF Zytel 8018 NC010	Dupont	1.19	14% glass fiber reinforced, toughened, nylon 66 resin	Electronic appliances, automobile, industrial parts, sports equipment, toys products
55	PA(Nylon)66	PA(Nylon)66+20%GF BASF A3X2G5,Natural	BASF	1.34		Electrical Parts
56	PA(Nylon)66	PA(Nylon)66+25%GF - Zytel FR50 NC010	DuPont	1.61		
57	PA(Nylon)66	PA(Nylon)66+25%GF BASF A3X2G5,Natural	BASF	1.34	Injection molding grade, 25% glass fiber reinforced, red phosphorus flame retardant, excellent mechanical properties and electric properties	Electrical and electronic applications
58	PA(Nylon)66	PA(Nylon)66+30%GF Durethan DP AKV 30 FN00 000000	LANXESS	1.42	PA 66, 30 % glass fibers, injection molding, halogen free flame retardan	
59	PA(Nylon)66	PA(Nylon)66+30%GF Zytel 70G30L NC010	Dupont	1.36	30% Glass fiber reinforced polyamide 66 resin for injection molding. Thermoplastic, ultrasonic welding, high gloss, good strength and good rigidity	Electrical components, high gloss applications, industrial
60	PA(Nylon)66	PA(Nylon)66+30%GF Zytel 73G30T NC010	Dupont	1.34	30% Glass Reinforced, Toughened, Polyamide 6	
61	PA(Nylon)66	PA(Nylon)66+33%GF Vydyne R533	Ascend	1.4	Higher head distortion temperature,resetance to creep	used for many under-the-hood automotive applications,motor housings for power tools and

					and better dimensional stability, good chemical resistance, tensile strength and modulus properties	garden appliances, also been used in miscellaneous brackets, gears and clips that require high rigidity and strength.
62	PA(Nylon)66	PA(Nylon)66+33%GF Zytel 70G33HS1L NC010	Dupont	1.39	33% Glass fiber reinforced polyamide 66 resin for injection molding, General, creep resistant performance is good, and smooth, heat stabilized.	Electrical components, automobile application
63	PA(Nylon)66	PA(Nylon)66+33%GF Zytel 70G33L NC010	Dupont	1.39	33% Glass fiber reinforced polyamide 66 resin for injection molding, General, creep resistant performance is good, and smooth	Electrical components, automobile application
64	PA(Nylon)66	PA(Nylon)66+40% mineral-DuPont Minlon 10B40 NC010	DuPont	1.51		
65	PA46+PTFE	PA46+PTFE-Stanyl TW371	DSM	1.25	Heat Stabilized, Wear and Friction Modified Special Features: Heat stabilized or stable to heat, Lubricated, Platable, Wear and friction modified	
66	PA(Nylon)66	PA66 Zytel FR7026V0F NC010	DuPont	1.03		Zytel nylon resin typically is used in demanding applications in the automotive, furniture, domestic appliances, sporting goods and construction industry.
67	PA(Nylon)66	PA66 Zytel ST801 NC010	DuPont	0.92	Zytel ST801 NC010 is a general purpose Super Tough polyamide 66 resin. It offers outstanding impact resistance and high productivity.	
68	PBT	PBT CELANEX 2500FC NATURAL	Celanese	1.31	Celanex 2500FC Natural is a easy-flowing PBT for use in food contact applications.	
69	PBT	PBT Crastin S600F20 NC010	DuPont	1.4	Crastin S600F20 NC010 is an unreinforced, medium viscosity polybutylene terephthalate resin for injection	

70	PBT	PBT Sabic VALOX 420SEO,Natural	Sabic	1.60	30% GR, UL94V-0/5V rated. Numerous applications; edge trimmers, food mixer motor stator and commutator, cooling fan, connectors, bobbins, switches etc	Home appliances:electrical cabinet, fuse box, computer keyboard keys, etc., the auto industry: the radiator shutters, panels, wheel cover, car body, door parts, etc.
71	PBT	PBT Sabic VALOX DR48-1001	SABIC	1.53	17% glass reinforced, flame retardant grade UL-94 rated V-0/5VA.	
72	PBT	PBT+30%GF BASF B4300G6 Natural	BASF	1.53	Easy flowing injection molding grade with 30% glass fibers,for rigid,tough and dimensionally stable technical parts.	windshield wiper arms,printed circuit boards PCBS,housing,consloles,contact carriers,covers.
73	PBT	PBT+30%GF Celanex 3300D	Ticona	1.53	Polybutylene terephthalate that offers a superior combination of mechanical, electrical, and thermal properties. This grade provides outstanding processability and good chemical resistance.	
74	PBT	PBT+30%GF Ticona Celanex 3316,Natural	Ticona	1.3	Flame retardant ,performanceStability, mechanical strength, electrical insulating properties, thermal stability, weatherability, drug resistance, low water absorption, good gloss	Is mainly used in automobile, electronic appliances, industrial machinery and polymer alloy, task forces, industrial, transport machinery parts, baking furnace parts, electric tool parts, shielding cover, etc
75	PBT	PBT+30%GF Ticona Celanex 3316,BLACK	Ticona	1.3	Flame retardant ,performanceStability, mechanical strength, electrical insulating properties, thermal stability, weatherability, drug resistance, low water absorption, good gloss	Is mainly used in automobile, electronic appliances, industrial machinery and polymer alloy, task forces, industrial, transport machinery parts, baking furnace parts, electric tool parts, shielding cover, etc
76	PBT	PBT+30%GF VALOX 553	SABIC	1.59	30% GR PBT+PC, UL94 V-0. Reduced warpage characteristics.Applications; appliance handles, spotlights, electric motors, pump housings, etc.	
77	PBT	PBT+30%GR VALOX Resin 420	SABIC	1.53	30% GR, excellent strength, stiffness and dimensional stability. High heat resistance. Appliance	

					handles, spotlights, electric motors, connectors	
78	PBT+PC	PBT+PC VALOX Resin 357U	SABIC	1.34	PBT+PC, UL94V-0/5VA Rated, Impact Modified, Opaque, Unreinforced, UV Stabilized. Applications like bobbins, switches and enclosures	
79	PBT+PC	PBT+PC+GF10% LUPOX TE5100	LG	1.29	High Tensile/Flexural strength, Dimensional Stability	Automotive(Roof Rack)
80	PC	PC Bayer 2407	Bayer	1.2	UV stabilizer, good Mold Release, Low Viscosity	General purpose, UV stabilizer
81	PC	PC Bayer 6557	Bayer	1.2		
82	PC	PC Bayer PC 2805, Natural	Bayer	1.20	Demoulding performance good, medium viscosity, injection or extrusion molding, coloring, colorless, transparent, translucent, good thermal stability	Used in industry, auto parts accessories, electronic accessories, UL certification, Disc material, instrument shell and office automation equipment, polymer optical fiber core material
83	PC	PC Chimei PC 110V	Chimei	1.2	For general injection application	Electrical appliance
84	PC	PC Chimei PC-110, Natural	Chimei	1.19	General grade, General injection molding	Auto warning light shell, mouse, holding box of chocolate, high heels.
85	PC	PC Chimei PC-122, Natural	Chimei	1.2	For General Injection Molding	External pen tubing / stationery / toys / water containers / thin wall products / complex transparent molding products
86	PC	PC Docol IR700C18	Docol	1.2		
87	PC	PC EXL1132T	SABIC	1.19	LEXAN EXL1132T resin offer good low temperature (-20C) ductility in combination with high flow characteristics and excellent processability with opportunities for shorter IM cycle times compared to standard PC resins. LEXAN EXL 1132T resin is a general purpose product available in transparent and opaque colors and may be an excellent candidate for a broad range of applications.	
88	PC	PC EXL1414	Sabic	1.19	This resin offers extreme low temperature (-40 C) ductility in combination with excellent processability and release	low temperature
89	PC	PC EXL9330	SABIC	1.19	Opaque PC-Siloxane copolymer with excellent processability. Non-chlorinated, non-brominated flame retardant product in most colors. UV-stabilized. UL rated f1/V-0/5VA.	

90	PC	PC Lupilon HL7002	lupilon	1.2		
91	PC	PC LEXAN 940	SABIC	1.21		
92	PC	PC LEXAN EXL1414T	SABIC	1.19	LEXAN EXL1414T polycarbonate (PC) siloxane copolymer resin is a transparent injection molding grade. This resin offers extreme low temperature (-40 °C) ductility in combination with medium flow characteristics and excellent processability with opportunities for shorter IM cycle times compared to standard PC. LEXAN EXL1414T resin is a general purpose product available in transparent and opaque colors and is an excellent candidate for a broad range of applications.	
93	PC	PC LEXAN 123R	Sabic	1.2	UL rated HB as of 10/97. 200 series recommended when V-2 rating required. Nonhalogenated. 17.5 MFR, for small, intricate parts. UV stabilized. Internal mold release.	
94	PC	PC LEXAN 141,clear	Sabic	1.2	High clear,Good at Fracture Resistance	Used for CD, sun glasses, optics lens, auto headlights, and safety components, office machinery, home appliances, electronic components.
95	PC	PC LEXAN 143R	Sabic	1.2	200 series recommended when V-2 rating required. Nonhalogenated. 10.5 MFR. UV-stabilized.	
96	PC	PC LEXAN 241R	Sabic	1.2	Improved flame retardance. Internal mold release	
97	PC	PC LEXAN 243R	SABIC	1.20		
98	PC	PC LEXAN 500R,Natural	Sabic	1.21	10% GR PC. Optimum combination of high modulus plus excellent impact strength and flame retardance. Internal mold release.	Used for CD, sun glasses, optics lens, auto headlights, and safety components, office machinery, home appliances, electronic components, food appliances, medical equipment
99	PC	PC LEXAN 923A	Sabic	1.21	Low viscosity, flame retardant with exceptional surface. Clear, tints and opaque colors. UV-stabilized.	
100	PC	PC LEXAN 940 BLACK	Sabic	1.21	Opaque colors, medium viscosity, superior flame retardance	
101	PC	PC LEXAN 940A,Natural	Sabic	1.21	Medium viscosity, flame retardant PC. Exceptional surface. Clear, tints and opaque colors	Used in industry, household appliances, electrical appliances, auto parts
102	PC	PC LEXAN 945	SABIC	1.19	LEXAN 945 Polycarbonate (PC) resin is a non-filled, injection moldable grade. This non-chlorinated, non-brominated flame retardant PC has an UL-94 V0 rating and is available in	

					various opaque color options. LEXAN 945 is a general purpose resin designed to meet the needs of various applications.	
103	PC	PC LEXAN 945A	SABIC	1.19	LEXAN 945A Polycarbonate (PC) resin is a non-filled, injection moldable grade. This non-chlorinated, non-brominated flame retardant PC has an UL-94 V0 rating and is available in transparent and tinted color options. LEXAN 945A is a general purpose resin designed to meet the needs of various applications	
104	PC	PC LEXAN HPS1 resin	Sabic	1.2	High flow polycarbonate. For medical devices and pharmaceutical applications. Healthcare management of change, biocompatible (ISO10993 or USP Class VI). EtO, e-beam and gamma sterilizable. Contains mold release.	
105	PC	PC Lexan Resin 141R	Sabic	1.19	UL rated HB as of 10/97. 200 series recommended when V-2 rating required. Nonhalogenated. 10.5 MFR. Internal mold release.	
106	PC	PC LUPOY GP1006FM	LG	1.21		
107	PC	PC Makrolon 2405	Bayer	1.2	General purpose; low viscosity; easy release; available in transparent, translucent and opaque colors.	
108	PC	PC Makrolon 2458-550115, Clear	Bayer	1.20	Medical injection molding grade, Low viscosity, can radiation sterilization, high liquidity, hydrolysis resistance, food contact compliance, demoulding performance is good	Medical equipment/health care applications, electronic appliances, CD plates, shells, signal cylinder, telephone switches, home appliance, Industrial components: camera ontology, machine shell, helmet, goggles, safety glasses.
109	PC	PC Makrolon 2858	Bayer	1.2	Medium flowing BgVV and FDA injection molding grade, for food contact applications, better resistance to hot water	Medical devices, Suitable for ETO and steam sterilization at 121 degree C, Complies with the requirements of FDA modified ISO 10993 1 and USP Class VI, Medium viscosity
110	PC	PC Makrolon 6555	Bayer	1.2	flame retardant, UL 94V0, medium viscosity; easy release	
111	PC	PC Makrolon Rx2530	Bayblend	1.20	MVR (300 C/1.2 kg) 15 cm ³ /10 min; medical devices; suitable for sterilization with high-energy radiation; biocompatible according to many ISO 10993-1 test requirements; medium viscosity; injection molding - melt temperature 280 - 320 °C; transparent parts for medical devices	
112	PC	PC SABIC LS2	SABIC	1.2	LEXAN LS2 is a medium viscosity grade especially designed for	

					applications with high optical requirements in terms of clarity and light transmission.	
113	PC	PC TEIJIN L-1225 Z100	TEIJIN	1.20		
114	PC+10%GF	PC+10%GF Lexan Resin 505RU	Sabic	1.26	Lexan 505RU is a glass reinforced, flame retardant (FR) grade with non brominated and non chlorinated FR systems and UV stabilization packages. This product is intended for applications to meet WEEE/RoHS regulations as well as various voluntary environmental labels.	
115	PC+20%GF	PC+20%GF LEXAN Resin 3412ECR	SABIC	1.3	Lexan 3412ECR Polycarbonate (PC) resin is a 20% glass fiber filled, injection moldable grade. This non-chlorinated, non-brominated flame retardant GF-PC has an UL-94 V0 rating and is available in various opaque color options. Lexan 3412ECR is a resin designed to meet the needs of high stiffness applications.	
116	PC+ABS	PC+ABS Cylolac C2950, Black	Sabic	1.15	Non-chlorinated and non-brominated flame retardant PC/ABS offering balanced flow and impact plus improved heat resistance intended for various applications.	Widely used in the manufacture of telephone, mobile phones, pagers, TV sets, washing machines, tape recorders, Radio, photocopiers, fax machines, toys and kitchen supplies such as shell.
117	PC/ABS	PC+ABS CYCOLOY C1200HF, Natural	Sabic	1.12	PC+ABS, Excellent flow/impact/high heat resistance. Low temperature ductility. For automotive, appliance and electrical components.	Electrical/electronic applications, home appliance parts, car in the field of application
118	PC+ABS	PC+ABS Bayblend FR3010	Bayer	1.18	Blend; unreinforced; flame*retardant; increased heat resistance; UL recognition 94V-0; glow rwine test ; improved chemical resistance and stress cracking behavior; successor to FR2010.	
119	PC+ABS	PC+ABS Bayblend T65 XF	Bayblend	1.13		
120	PC+ABS	PC+ABS Bayblend T85 XF	Bayblend	1.14		
121	PC/ABS	PC+ABS Chimei PC-365	Chimei	1.19	General grade, General injection molding with UL94 HB 1.5 mm and 3.0 mm HB	Automotive interior parts, electronic products shell, mobile phone shell, general FRP products
122	PC/ABS	PC+ABS Chimei PC-510, Natural	Chimei	1.16	Fire prevention grade, High liquidity 1.5 mm V-0, 2.1 mm 5 VB does not	Set-top boxes, projector, 3 c digital products, transformers, TV game, CNC products

					contain halogen flame retardant materials	
123	PC/ABS	PC+ABS Chimei PC-540 V0	Chimei	1.18	High heat, 1.5mm V-0, 2.0 mm 5VB Halogen-free flame retardant material	Set-top box / Projector / Computer, communication, consumer electronics product / Video game console / Networking product
124	PC+ABS	PC+ABS Cypolac C2950	Sabic	1.15	Non-chlorinated and non-brominated flame retardant PC/ABS offering balanced flow and impact plus improved heat resistance intended for various applications.	Widely used in the manufacture of telephone, mobile phones, pagers, TV sets, washing machines, tape recorders, Radio, photocopiers, fax machines, toys and kitchen supplies such as shell.
125	PC+ABS	PC+ABS CYCOLOY C2800	SABIC	1.17		
126	PC/ABS	PC+ABS CYCOLOY XCY620S	Sabic	1.14	Automotive applications	
127	PC/ABS	PC+ABS CYCOLOY 6200	Sabic	1.18	Non-chlorinated, nonbrominated flame retardant	Offering balanced heat, flow and impact to meet various application needs.
128	PC+ABS	PC+ABS CYCOLOY LG9000, Black	Sabic	1.13	PC+ABS blend, Low gloss and UV stable, suitable for automotive interior applications.	Widely used in automotive interior parts, office machinery, communications equipment, household appliances and lighting equipment, mobile phone casing, computer and business machines shell, electrical equipment, lawn, garden machinery
129	PC+ABS	PC+ABS Sabic C6200, natural	Sabic	1.19	CYCOLOY C6600 is a FR PC+ABS of nonbrominated, nonchlorinated flame retardant systems with balanced flow, impact and hydrolytic stability	wide variety of applications including business equipment, monitors, enclosures, among others
130	PC+ABS	PC+ABS Sabic C6600, natural	Sabic	1.19	CYCOLOY C6600 is a FR PC+ABS of nonbrominated, nonchlorinated flame retardant systems with balanced flow, impact and hydrolytic stability	wide variety of applications including business equipment, monitors, enclosures, among others
131	PC	PC-Lexan hps1-1h1124	Sabic	1.22		
132	PC	PC-Lexan Resin 943A	Sabic	1.217		
133	PC	PC-SABIC Lexan PC EXL1414	Made in China	1.19		

134	PC/PET	PC/PET XENOY XL1339 resin	SABIC	1.22	Data generated in BOZ labs. High heat grade for nonchemical resistance required applications	
135	PCTG	PCTG-Eastman Tritan Copolyester MX711	Eastman	1.18	Excellent clarity Excellent hydrolytic stability Fast cycle times Fast drying times Good chemical resistance Good color stability upon ETO sterilization Good color stability upon gamma sterilization Good heat resistance Improved processability over traditional copolyesters Outstanding impact resistance	Blood Contact IV Components
136	PCTG	PCTG-Eastman Tritan Copolyester MX731	Blood Contact IV Components	1.18	Key Attributes Excellent clarity Excellent hydrolytic stability Fast cycle times Fast drying times Good chemical resistance Good color stability upon ETO sterilization Good color stability upon gamma sterilization Good heat resistance Good melt flowability Good toughness Improved processability over traditional copolyesters	Blood Contact IV Components
137	PEEK	PEEK VICTREX PEEK 450G	Victrax	1.3	High performance thermoplastic material, unreinforced PolyEtherEtherKetone (PEEK), semi crystalline, granules for injection moulding and extrusion, standard flow, FDA food contact compliant, colour natural/beige.	Applications for higher strength and stiffness as well as high ductility. Chemically resistant to aggressive environments, suitable for sterilisation for medical and food contact applications.
138	PEI	PEI ULTEM 2200R	SABIC	1.42		
139	PEI	PEI ULTEM 2300	SABIC	1.51		
140	PEI	PEI-ULTEM Resin 1000	Sabic	1.27	ULTEMTM 1000 resin is an amorphous, transparent polyetherimide (PEI) plastic offering a glass transition temperature (Tg) of 217°C. This inherently flame retardant resin has UL94 V0, V2 and 5VA ratings and is RoHS compliant. ULTEMTM 1000 resin is an unreinforced	

					general purpose grade offering high heat resistance, high strength and modulus and broad chemical resistance up to high temperatures.	
141	PET	PET Dupont FR530 NC010	Dupont	1.68		
142	PET	PET Rynite FR530 NC010	Dupont	1.68	30% Glass Reinforced, Flame Retardant, Polyethylene Terephthalate	
143	PMMA	PMMA Arkmea Plexiglas DR-101,Clear	Arkmea	1.15	Good Toughness,high heat resistance;high impact resistance.	Appliances;Household Goods;Automotive Appliances;Labels
144	PMMA	PMMA Chimei CM-207,Clear	Chimei	1.19	General purpose injection grade, USES the most extensive, with appropriate liquidity and heat resistance	Electronic nameplate, general audio panels, mechanical parts, instrument shell, sun glasses, the electronic surface crust
145	PMMA	PMMA Chimei CM-211,Clear	Chimei	1.19	High flow injection grade, liquidity characteristics, Easy to molding & Tooling	Electronic nameplate, general audio panel, household utensils, and decoration of the influential special difficult to injection molding processing
146	PMMA	PMMA Evonik-Plexiglas zk6BR-E,Clear	Evonik	1.16	High liquidity, good surface glossiness, and good weatherability	Used for extruding and coextruding sheets and profiles as well as for injection molding,appliance housings, coextruded profiles for window frames, gutters, downspouts, and housewares such as cutlery handles, bowls
147	PMMA	PMMA LG IF850, clear	LG	1.18		
148	PMMA	PMMA Plexiglas Resist zk6BR	Evonik	1.16		
149	PMMA	PMMA-PLEXIGLAS Resist zk6HF	Evonik	1.16	PLEXIGLAS Resist zk6HF is an amorphous, impact-modified thermoplastic molding compound (PMMA-I). Typical properties of impact-modified PLEXIGLAS molding compounds are ? high weather resistance ? excellent transmission and clarity ? brilliant appearance ? the pleasant feel and sound of the moldings. PLEXIGLAS	Used for injection molding as well as for extruding sheets and profiles.

					Resist zk6HF is characterized by the following special properties: ? excellent break resistance and impact strength ? improved resistance to stress cracking ? very good flow.	
150	POM	POM Celcon LW90-F2	Celanese	1.4	Celcon LW90-F2 is an acetal copolymer formulated with a nominal 9 melt flow rate base polymer and a standard level of polytetrafluoroethylene filler (PTFE). It is designed for use in wear applications against plastic, metal, glass, or ceramic mating surfaces where silicone lubricants can not be tolerated.	
151	POM	POM Delrin 500AF	DuPont	1.54	Delrin 500AF is a medium viscosity acetal homopolymer resin containing 20% Teflon ? PTFE fibers. It is designed for applications requiring low wear and/or low coefficient of friction against carbon steel, itself, and other plastics.	
152	POM	POM Delrin 500AL NC010	Dupont	1.39		
153	POM	POM Delrin 900P NC010	DuPont	1.42	Low Viscosity Acetal Homopolymer with Improved Processing.	
154	POM	POM DuPont Delrin 100P NC010,Natural	Dupont	1.42	High Viscosity Acetal Homopolymer, It has improved processing thermal stability, mechanical properties is good, low volatile emissions	Electronic appliances: washing machine, juice machine, timer and other components; Car handlebar, electric Windows and other parts; Machine parts, gear, handle, screw, toys, etc
155	POM	POM DuPont Delrin 500P NC010+UV,Natural	Dupont+pumpin g tablets	1.42		
156	POM	POM DuPont Delrin 500P NC010,Natural	Dupont	1.42	Medium Viscosity Acetal Homopolymer for Injection molding. It has improved processing thermal stability, mechanical properties is good, low volatile emissions	Electric heating cup, bakelite gear, bearing, motor leaves, motor samples, motor, relay, motor vibrator, electric cabinet terminal blocks, elevator kit, elevator parts manufacturing, electrical cable tie and etc
157	POM	POM Hostaform C9021	Celanese	1.41	High rigidity,hardness and toughness;good chemical resistance to sovents,fuel and strong alkalis as well as good hydrolysis resistance;high	automtive engineering,precision engineering,electric and electronical industry,domestic appliance.

					resistance to thermal and oxidative degradation.	
158	POM	POM Kepital ET-20A	KEP	1.39	carbon black filled conductive grade with 10^4 ohms of surface resistivity. ET-20A has excellent stability in various fuels, so it suited for fuel applications	
159	POM	POM Kepital F20-03,Natural	Kepital	1.39	Low density,Low temperature resistance, most alkali erosion, water imbibition is small	Application on cars, electrical accessories, electronic data processing, industrial parts, machinery/machinery parts
160	POM	POM Kepital FG2015	Kepital	1.50	A medium viscosity grade for general injection molding. It was reinforced glass fiber, and so suitable for parts requiring very high stiffness, fatigue resistance, creep resistance, and heat resistance.	
161	POM	POM Ticona Celcon M90,Natural	Ticona	1.41	General purpose, good optimization of properties	Used in general machinery parts, gear, CAM, appliances, audio products
162	POM	POM Ticona-Celcon M90-34,Natural	Ticona	1.41	Standard unfilled appliance grade - improved stain resistance	Electronic appliances: washing machine, juice machine timer component, such as car: car, electric Windows and other parts; Machine parts, gear, handle, screw, toys, etc
163	POM	POM Uitraform N 2320 003	BASF	1.40	Rapily solidifying standard grade for injection molding	
164	PP	PP Globalene 7633,Natural	NAN YA	0.90	Low transparency, low gloss, low rigidity, but there are have stronger impact strength	Automobile motorcycle parts, bumper, battery boxes, tool box, office furniture, sports equipment,Consumer goods: POTS, buckets, furniture, film, woven bag, bottle caps, lawn and garden equipment
165	PP	PP 3307	NAN Y A	0.97		
166	PP	PP Hostacom SG 702 Natural	lyondellBasell	0.9		
167	PP	PP K1011,Natural	Taiwan Petrochemicals	0.90	FDA Compliance,Transparent, abrasion resistance, chemical resistance, resistance to high temperature	Household items, toys products
168	PP	PP LUPOL GP1000FC	LG	1.00	General Purpose, Flame Retardant	Electrical & Electronic, Automotive Parts

169	PP	PP NAN-YA 3317,Natural	NAN YA	0.97	Flame retardant grade, UL94V - 0, conforms to UL746C safety test, water resistance, weather resistance	Decorations for Christmas lights, automobile and home appliance products flame retardant requirements
170	PP	PP POLYPRO? HJ4012	YUHWA	0.91	Flame Rated; RoHS Compliant;Good Processability; Heat Resistant; High Stiffness.	Appliances; Automotive; Food Contact Applications; Household Applications; Housings.
171	PP	PP Total HJ730L	Samsung	0.91	High crystallinity,FDA	use in electronic appliances and high strength automobile parts
172	PP	PP YUNGSOX 5090T	YUNGSOX	0.92	High transparency,good resistance to chemical	high transparency container and housewares,disposable syringes
173	PP	PP YUNGSOX PP5090T	Formosa	0.9	Flame Rated Chemical Resistant Clarity Copolymer	Medical/Healthcare ? Containers ? Food Contact Applications ? Household Applications
174	PP+10%GF	PP+10%GF Total PP GH41	Samsung	0.97		
175	PP+15%GF	PP+15%GF LUPOL GP2150	LG	1.01		Electrical & Electronic, Automotive Parts
176	PP-20%Tac	PP+20%Tac Globalene PF4206	Globalene	1.04	Good processability,High stiffness	Applicances,Furniture,Household Applications.
177	PP+30%GF	PP+30%GF GFPP-30 N-101	KINGFA	1.16		
178	PP+40%GF	PP+40%GF KINGFA NC001	KINGFA	1.24	Chemically coupled , High strength & stiffness, Good heat resistance, Good dimensional stability , Good surface appearance	Chemically coupled , High strength & stiffness , Good heat resistance Good dimensional stability , Good surface appearance
179	PP+MF20%	PP+MF20% LUPOL GP3200	LG	1.06	General Purpose	Electrical & Electronic,Automotives Parts
180	PP	PP-92010	KINGFA	0.91		
181	PP	PP-ExxonMobil PP7033E3	ExxonMobil	0.9		An impact copolymer resin designed for consumer and industrial products requiring high impact resistance.
182	PP	PP-Hostacom M4 N01 L303612	LyondellBasell	1.21	Hostacom M4 N01 L303612 is a mineral filled PP homopolymer, with low melt flow rate. Product is UL listed." This grade is not intended for medical, pharmaceutical, food and drinking water applications.	

183	PP+20%GF	PP-PP+20%GF GFPP-20 N-101	KINGFA	1.04	High strength & stiffness	Power tools HouseholdStructural frames appliances? parts
184	PPA	PPA Amodel HFFR-4133	Solvay	1.46	This resin is rated-V-0 by underwriters laboratories using the UL94 test and is hot-water moldable. it has high flow and a wide processing window and offers good surface appearance. especially for larger electrical components.	It is well suited for connectors and other electrical devices requiring surface mount technolgy.
185	PPA	PPA Grivory GTR 45	EMS	1.18	Grivory GTR 45 is a Polyamide 6I/6T Copolymer (Nylon 6I/6T) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding or injection stretch blow molding.	Medical/Healthcare Automotive Food Contact Applications Packaging Appliances
186	PPA	PPA+GF30% Zytel HTNFR52G30NH NC010	DuPont	1.44	Zytel HTNFR52G30NH NC010 is a 30% glass reinforced, flame retardant, lubricated high performance polyamide resin. It is also a PPA resin and is halogen-free.	
187	PPE+PS	PPE+PS Noryl Resin 731S	Sabic	1.06	NORYL 731S is an unfilled material, with a Vicat B/120 of 135C according ISO 306. NORYL 731S has been listed for potable water applications up to 85C by the UK WFBS according BS 6920 in limited colours. As of June 2007, this grade will no longer be supported with biocompatibility information and should not be used for medical applications which require biocompatibility. Alternative grade HN731SE.	
188	PPO	PPO Noryl PX9406P	Sabic	1.09	Nonbrominated,nonchlorinated,flame retarded.	Electrical applications
189	PPO-10%GF	PPO+10%GF Noryl GFN1-701	Sabic	1.13	FDA compliance,Low water absorption,hydrolytic stability,dimensional stability	Suitable for fluid engineering applications including pump housings,pump impellers and water meter components
190	PPO-30%GF	PPO+30%GF Noryl GFN3-701	Sabic	1.29	FDA compliance,Low water absorption,hydrolytic stability,dimensional stability.	Suitable for fluid engineering applications including pump housings,pump impellers and water meter components.

191	PPS	PPS RYTON R-7-120BL	Solvay	1.99	Provide good strength and low maintenance molding using conventional molding equipment.	
192	PPS+30%GF	PPS+30%CF Torelina?A503-X05	Toray	1.57		
193	PPS+30%GF	PPS+30%GF Starsen PPS XP-2130A	SAMSUNG	1.63		
194	PPS	PPS-Ryton-R-4-200BL	SOLVAY	1.68		
195	PPT-15%GF	PPT-15%GF VALOX 855	SABIC	1.54		
196	PS	PS Styrolution PS?1300/1301	INEOS	1.04		Medical labware,Appliance accessory parts,Profile extrusio,Cosmetic cases
197	PSU	PSU Ultrason S3010	Basf	1.23	Good Chemical/Crack Resitance,good toughness,	Typical applications include laboratory accessories and household parts.
198	PVC	PVC 1V1202	Made in China	1.35	water pipe/Industrial parts	
199	PVC	PVC Geon Vinyl Fittings M1000	Polyone	1.4	Fittings	
200	PVC	PVC Geon Vinyl Flexible?B7500	PolyOne	1.27		
201	PVC+ABS	PVC+ABS KINGFA VSLOY-PM KV1727WT	KINGFA	1.33		Injection molding , Electric appliance ,Power switch ,Lamp accouterment , Pipe fitting
202	PVC	PVC-Geon Vinyl Rigid Molding M4810	PolyOne	1.3	Material Status ? Commercial: Active Regional Availability ? Africa & Middle East ? Asia Pacific ? Europe ? North America ? South America Features ? Food Contact Acceptable ? General Purpose ? High Flow ? High Impact Resistance Uses ? General Purpose Agency Ratings ? FDA?Food Contact, Unspecified Rating ? USP?Class VI Appearance ? Clear/Transparent Forms ? Pellets	
203	PVC	PVC-PolyOne PVC Rigid Molding GM 1001		1.4		
204	SAN	SAN-Luran 368R	BASF	1.08	Luran? 368R is a general purpose grade of SAN with well-balanced properties, suitable for injection molding and extrusion. It features very good transparency, good heat resistance and very good dimensional stability.	
205	TPC-ET	TPC-ET KEYFLEX BT 1047D	LG	1.17		Antenna Cover, Injection Parts for Leisure & Sports
206	TPC-ET	TPC-ET KEYFLEX BT 1055D	LG	1.2	General Purpose, Medium Modulus	Injection Parts for Automotives, Leisure & Sports

207	TPE	TPE PolyOne GLS Versaflex 6240	GLS	1.1	Versaflex OM 6240-1 is specifically designed to bond to a variety of standard and modified nylon materials, including those which are glass-filled, heat stabilized and/or impact modified. Exceptional Colorability/Outstanding Adhesion in Two-Shot Molding Processes/Soft, Rubbery Grip/Very Easy to Process	Consumer Applications/Flexible Grips/Overmolding/Soft Touch Applications
208	TPE	TPE Santoprene 8191-55B100	Santoprene	1.04	excellent adhesion onto ABS,PS,PC,PMMA and ASA	Consumer Applications,Seal and gaskets,soft Touch Grips
209	TPE	TPE Santoprene 8211-65	Santoprene	0.93	A soft, colorable, non-hygroscopic thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good physical properties and chemical resistance for use in difficult injection molding applications. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding or blow molding. It is polyolefin based and recyclable within the manufacturing stream	
210	TPE	TPE Santoprene TPV 101-87	Santoprene	0.96	A hard, black, versatile thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good physical properties and chemical resistance for use in a wide range of applications. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding, extrusion or blow molding. It is polyolefin based and completely recyclable.	
211	TPE	TPE TPE>KINGSELAST 8607A-60N01	Made in China	1.05		
212	TPE	TPE-Dynaflex G6713C	GLS	0.88	Dynaflex G6713C is an easy processing TPE designed for use in injection molding and extrusion applications where an extremely soft feel is desired Excellent Colorability/Good Ozone and UV Stability/Overmold Adhesion To Polypropylene/Tactile Feel/Ultra Soft Touch	Consumer Applications/ Flexible Grips/Gaskets/Overmolding/Personal Care/Seals/Soft Touch Applications/Toys
213	TPE	TPE-TPE-2130	Made in China	0.95		

214	TPE	TPE-U4-65N04	KINGSELAST (Made in China)	1.16		
215	TPE	TPE-Utechllan U.80A10 DPS301	covestr	1.21		
216	TPEE	TPEE Hytrel 3078	DuPont	1.07	30 Shore D High performance; polyester elastomer with non-discoloring stabilizer.	
217	TPEE	TPEE Hytrel 5526	DuPont	1.19	55 Shore D High performance; high flow polyester elastomer developed for injection molding.	
218	TPU 85A	TPU 85A - Desmopan 385 S	Bayer	1.2		
219	TPU	TPU Desmopan DP9370AU	Bayer	1.08	UV stabilizer,very good hydrolysis and microbial resistance,good low temperature flexibility,free from plasticizers,high mositure vapor transmission rate.	breathable films,Sports shoe soles,hard-soft systems.
220	TPU	TPU DP 2790A	Made in China	1.21		
221	TPU	TPU Elastollan 1170 A	BASF	1.08	Thermoplastic Polyether Polyurethane Elastomers with outstanding hydrolysis resistance, low temperature flexibility and resistance to micro-organisms. Typical applications Cable jackets, plugs and terminations, spiral tubing, Films, ski-boot shells, ear tags, technical mouldings like mining screens, railway pads, seals.	
222	TPV	TPV Santoprene 101-73	Santoprene	0.97	A soft, black, versatile thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good physical properties and chemical resistance for use in a wide range of applications. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding, extrusion or blow molding. It is polyolefin based and completely recyclable.	
223	TPV	TPV Santoprene 123-50	Santoprene	1.05	EU Directive 2002/95/EC cpmpliant	Can be processed on conventional thermoplastics equipment.
224	TPV	TPV Santoprene 8211-35	Santoprene	0.93		
225	TPV	TPV Santoprene 8211-55B100	Santoprene	1.04	excellent adhesion onto ABS,PS,PC,PMMA and ASA	Consumer Applications,Seal and gaskets,solf Touch Grips
226	TPV	TPV-Santoprene 201-87	ExxonMobil	0.96		

227	TPV	TPV-Santoprene 8271-55	Santoprene	0.96		
228	TPX	TPX-RT18XB	MITSUI	0.833		
232	Z-Customer Specified Material-Z	Z-Customer Supplied Material		1.3		

