



INEOS

Olefins & Polymers Europe

Your partner in

**HOMOPOLYMER
100-CC60**

**Crystal clear PP
homopolymer**

INEOS

**High fluidity
homopolymer with
outstanding rigidity
and optics**

INEOS Olefins & Polymers Europe



100-CC60

Product features

- / High fluidity
- / Excellent optics
- / Outstanding rigidity
- / Using the last generation of clarifying agent
- / Antistatic
- / Food contact approved

This high MFR grade is recommended for the injection moulding of rigid transparent technical and packaging items.



Benefits for the customers

The recently developed 100-CC60 from Innovene™ PP technology offers the following advantages:

- / **Excellent clarity**
even at low processing temperatures
- / **Enhanced rigidity and heat resistance**
- / **Increased productivity** resulting from:
 - Lower processing temperatures
 - Higher crystallisation rate
- / **Energy savings**
from lower processing temperatures
and reduced cycle times

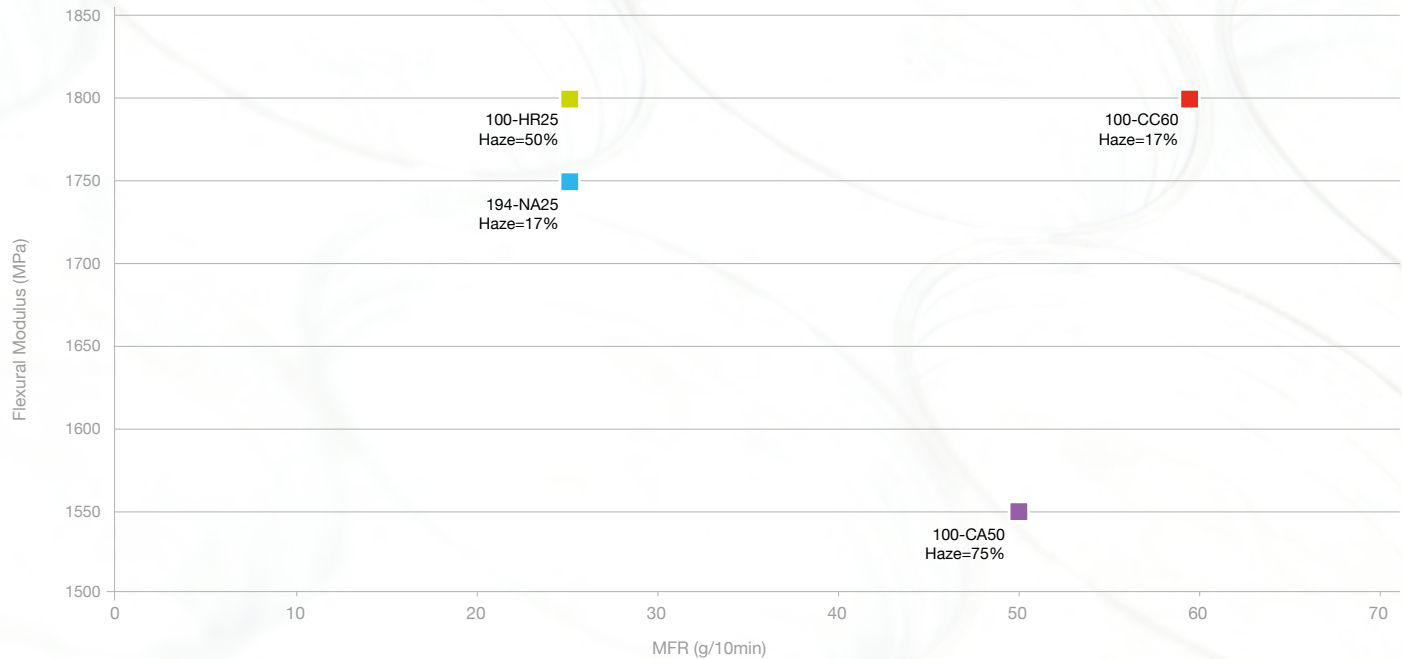


Product Characteristics

Comparison with current INEOS homopolymers

Properties	Unit	Standard	100-HR25	194-NA25	100-CA50	100-CC60
Melt Flow Rate 230°C/2.16 kg	g/10 min	ISO 1133	25	25	50	60
Flexural Modulus @23°C	MPa	ISO 178	1.800	1.750	1.550	1.800
Tensile Strength @yield, 23°C	MPa	ISO 527-1,-2	38	38	36	38
N.Izod @23°C	kJ/m ²	ISO 180/1A	3.3	3	3	3
Haze 1 mm	%	ASTM D 1003	50	17	75	17
Crystallisation Temperature	°C	DSC, INEOS	131	131	123	130
HDT @0.45 MPa	°C	ISO 75/B	120	116	115	118

Data not to be considered as specification



About us

INEOS is one of the world's largest chemical companies, founded in 1998. INEOS Olefins & Polymers Europe is a leading producer of olefins and polyolefins.

INEOS Olefins & Polymers Europe offers a full range of high value polyolefins solutions for market applications such as food and industrial packaging, pipe and automotive through dedicated sales, and technical service teams.

INEOS is a safe and environmentally responsible company. We are engaged in developing our sustainable agenda to improve our operations and to implement sustainable solutions for our customers. This includes products that offer lightweighting, energy efficiency, durability (extended lifetime) or conservation of resources. We care.



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