

INEOS PP 100-CC60

Polypropylene Homopolymer
INEOS Olefins & Polymers Europe

Message:

- Polypropylene Homopolymer
- Benefits & Features
 - 100-CC60 is a high fluidity clarified homopolymer with antistatic properties designed for injection moulding. The grade has been designed with a very high rigidity and excellent clarity even when processing the material at low temperatures.
 - 100-CC60 has excellent heat resistance. This material is suitable for food packaging.
- High flowability
- Excellent stiffness and heat resistance
- Outstanding transparency
- Potential for energy savings
- Applications
 - Thin wall transparent containers
 - Media Packaging
 - Transparent household goods

General Information			
Additive	Clarifier		
Features	Rigidity, high		
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	Homopolymer		
	Antistatic property		
	High liquidity		
	Heat resistance, high		
	Definition, high		
	Compliance of Food Exposure		
Uses	Thin wall container		
	Household goods		
	Media packaging		
	Food packaging		
RoHS Compliance	Contact manufacturer		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	60	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C, Injection Molded)	1950	MPa	ISO 527-2
Tensile Stress (Yield, 23°C, Injection Molded)	38.0	MPa	ISO 527-2

Flexural Modulus (23°C, Injection Molded)	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	3.0	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	118	°C	ISO 75-2/B
Peak Crystallization Temperature (DSC)	130	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Haze (1000 μm)	17	%	ASTM D1003

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Recommended distributors for this material

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