

# INEOS PP 100-GB06

Polypropylene Homopolymer  
INEOS Olefins & Polymers Europe

Message:

100-GB06 is a homopolymer polypropylene, intended for general purpose injection moulding and extrusion applications.

- Applications
- Geotextiles
- Technical mouldings
- Caps and closures
- Thin sheet extrusion
- Thermoforming
- Compounds

General Information			
Features	General Purpose		
	Homopolymer		
Uses	Caps		
	Closures		
	Compounding		
	General Purpose		
	Sheet		
	Textile Applications		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Compounding		
	Extrusion		
	Injection Molding		
	Sheet Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	34.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	ISO 179/1eA
Notched Izod Impact Strength (23°C)	3.5	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method


Heat Deflection Temperature (0.45 MPa, Unannealed)	86.0	°C	ISO 75-2/B
Vicat Softening Temperature	155	°C	ISO 306/A

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