

INEOS PP 100-GA12

Polypropylene Homopolymer
INEOS Olefins & Polymers Europe

Message:

100-GA12 is a versatile general purpose grade intended for injection-moulding applications.

- Applications
- Rigid packaging
 - Thin wall containers
 - Caps and closures
 - Garden furniture - housewares
 - Staple for needlepunched geotextiles
- Benefits and Features
- Good processability and MFR consistency
 - Good dimensional stability
 - High degree of cleanliness
 - Low odour level
 - Low catalyst residue

General Information			
Features	Clean/High Purity		
	Good Dimensional Stability		
	Good Processability		
	Homopolymer		
	Low Residuals		
	Low to No Odor		
Uses	Caps		
	Closures		
	Fibers		
	Furniture		
	Household Goods		
	Packaging		
	Thin-walled Containers		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Cast Film		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	34.0	MPa	ISO 527-2

Flexural Modulus (23°C)	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact Strength (23°C)	3.7	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B

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