

INEOS PP 100-GA02

Polypropylene Homopolymer
INEOS Olefins & Polymers Europe

Message:

100-GA02 is a versatile general purpose grade which can be used in many different applications.

- Application
- Woven bags, geotextiles
 - Very thin walled technical moldings
- Flexible packaging
- Benefits and Features
- Low water carryover
 - High tenacity
 - Extremely high degree of cleanliness
 - Outstanding processing stability and MFR consistency
 - Low odor level - low catalyst residue

General Information			
Features	Clean/High Purity		
	Good Processing Stability		
	High Tensile Strength		
	Homopolymer		
	Low Residuals		
	Low to No Odor		
	Low Water Carryover		
Uses	Carpet Backing		
	Food Containers		
	Packaging		
	Sheet		
	Tape		
RoHS Compliance	Thin-walled Parts		
	Contact Manufacturer		
Forms	Pellets		
Processing Method	Extrusion		
	Sheet Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1450	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
Vicat Softening Temperature	156	°C	ISO 306/A
Peak Melting Temperature	163	°C	ASTM D3417

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