

# INEOS PP 100-GA03

Polypropylene Homopolymer  
INEOS Olefins & Polymers Europe

Message:

100-GA03 is a general purpose grade intended for extrusion and thermoforming applications requiring medium melt flow and good parison strength.

Application

General purpose thermoforming

Rigid packaging

Carpet backing - woven bags - geotextiles

Flexible packaging

Benefits and Features

Low water carryover

High tenacity

Good optitcal and barrier properties

Outstanding processing stability and MFR consistency

Low odor level - low catalyst residue

General Information			
Features	Barrier Resin		
	Good Processability		
	High Tensile Strength		
	Homopolymer		
	Low Residuals		
	Low to No Odor		
	Low Water Carryover		
	Opticals		
Uses	Bags		
	Carpet Backing		
	Packaging		
	Tape		
RoHS Compliance	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)	3.0	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 <sup>2</sup>	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	93.0	°C	ISO 75-2/B
Vicat Softening Temperature	156	°C	ISO 306/A
Peak Melting Temperature	163	°C	ASTM D3417

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

