

INEOS PP 150-GA03

Polypropylene Homopolymer
INEOS Olefins & Polymers Europe

Message:

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

Applications

General purpose thermoforming

Carpet backing, geotextiles, bags, twines and ropes

Injection Moulding

Benefits and Features

Good processability and MFR consistency

High tenacity

General Information			
Features	Good Processability		
	Good Strength		
	High Tensile Strength		
	Homopolymer		
	Medium Flow		
Uses	Carpet Backing		
	Rope		
	Tape		
	Textile Applications		
	Twine		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	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/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	92.0	°C	ISO 75-2/B

Vicat Softening Temperature	156	°C	ISO 306/A
Peak Melting Temperature	163	°C	ASTM D3417

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