

POPELEN GHE-300

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

High Stiffness, High Impact Strength

General Information			
Features	Block Copolymer		
	High Impact Resistance		
	High Stiffness		
Uses	Automotive Bumper		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	23	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	14.0	MPa	ISO 527-2
Flexural Modulus	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	5.5	kJ/m ²	
23°C	55	kJ/m ²	
Notched Izod Impact Strength			ISO 180
-30°C	5.5	kJ/m ²	
23°C	50	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	110	°C	ISO 75-2/A

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