

POPELEN HSG-371

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

High Stiffness, Low Density

General Information			
Features	Block Copolymer		
	High Stiffness		
	Low Density		
Uses	Automotive Applications		
	Automotive Interior Trim		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	1960	MPa	ASTM D790
Flexural Strength	37.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	39	J/m	
23°C	78	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648

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