

Hifax PPN 8008 103220

Polypropylene Copolymer

LyondellBasell Industries

Message:

PP elastomer blend. Medium flow, very high cold temperature impact resistance. Used typically for bumpers, spoilers and under body shields. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Features	High Impact Resistance		
	Low Temperature Impact Resistance		
	Medium Flow		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	13.0	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	33.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	750	MPa	ISO 527-2
Tensile Stress (Yield)	17.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	10	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	7.0	kJ/m ²	
0°C	50	kJ/m ²	
23°C	70	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	210	kJ/m ²	
0°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	75.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	50.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	135	°C	ISO 306/A50

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