

Hostacom PPN 1060 12

Polypropylene Homopolymer

LyondellBasell Industries

Message:

"Hostacom" PPN 1060 12 is a PP homopolymer with low flow and high stiffness. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Features	Good Stiffness		
	Homopolymer		
	Low Flow		
Uses	Automotive Applications		
	Automotive Under the Hood		
	Structural Parts		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	7.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	10.0	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	69.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1500	MPa	ISO 527-2
Tensile Stress (Yield)	30.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	9.0	%	ISO 527-2/50
Flexural Modulus - Secant	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	2.5	kJ/m ²	
23°C	4.5	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	15	kJ/m ²	
0°C	45	kJ/m ²	
23°C	> 100	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	90.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	90.0	°C	ISO 306/A50

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