

Hostacom PP HN42L 303612

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Hostacom PP HN42L 303612 is an unfilled PP homopolymer, with medium melt flow rate. Product is UL listed.
This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Features	Homopolymer		
	Medium liquidity		
Uses	Electrical appliances		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.900	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	11	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	14.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1750	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	37.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	9.0	%	ISO 527-2
Flexural Modulus ¹ (23°C)	1750	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.5	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	95.0	°C	ISO 75-2/B
1.8 MPa, not annealed	55.0	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm)	HB		UL 94
NOTE			
1.	1.0 mm/min		

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