

Hostacom PP HU42L 205199

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Hostacom PP HU42L 205199 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)	0.920	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	13.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2000	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	36.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	9.0	%	ISO 527-2
Flexural Modulus ¹ (23°C)	1900	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	1.2	kJ/m ²	ISO 179/1eA
23°C	3.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	30	kJ/m ²	ISO 179/1eU
23°C	80	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	115	°C	ISO 75-2/B
1.8 MPa, not annealed	55.0	°C	ISO 75-2/A
NOTE			
1.	1.0 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

