

Hostacom HBC 489R W92607

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom HBC 489R W92607 is a mineral filled PP homopolymer with low melt flow rate.

Product is UL Listed.

For regulatory compliance information, see Hostacom HBC 489R W92607 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

General Information			
Filler / Reinforcement	Mineral filler		
Features	Rigid, good		
	Homopolymer		
	Low liquidity		
Uses	Large household appliances and small household appliances		
	Electrical/Electronic Applications		
Appearance	Available colors		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	10	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	10.5	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3400	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	33.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	5.0	%	ISO 527-2
Flexural Modulus ¹ (23°C)	4000	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	2.0	kJ/m ²	ISO 179/1eA
23°C	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	17	kJ/m ²	ISO 179/1eU
23°C	35	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	72.0	°C	ISO 75-2/A
Vicat Softening Temperature	95.0	°C	ISO 306/B
NOTE			

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