

Hostacom GP621-2

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom GP621-2 medium melt flow, 3,000 MPa flexural modulus, 20% talc-filled polypropylene homopolymer is designed for high stiffness and good colorability.

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	Good Colorability		
	Good Processability		
	High Rigidity		
	Homopolymer		
	Medium Flow		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	36.0	MPa	ISO 527-2
Tensile Strain (Yield)	6.0	%	ISO 527-2/23
Flexural Modulus (23°C)	3000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.2	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	130	°C	ISO 75-2/B
1.8 MPa, Unannealed	70.0	°C	ISO 75-2/A

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