

Hostacom GP622

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom GP622 high melt flow, 2,900 MPa flexural modulus, 20% talc-filled polypropylene homopolymer was designed primarily for high stiffness and excellent processability in thin-walled parts. Typical applications include automotive instrument panel ductwork and non-visible console components.

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	Good Moldability		
	Good Surface Finish		
	High Flow		
	High Rigidity		
	Homopolymer		
Uses	Automotive Applications		
	Automotive Interior Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0	MPa	ISO 527-2
Tensile Strain (Yield)	4.0	%	ISO 527-2
Flexural Modulus	2900	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	126	°C	ISO 75-2/B
1.8 MPa, Unannealed	72.0	°C	ISO 75-2/A

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