

LyondellBasell Hostacomâ„¢ GP622 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Talc Filler

Material Notes:

Description: Hostacomâ„¢ GP622 high melt flow, 2,900 MPa flexural modulus, 20% talc-filled polypropylene homopolymer is designed for high stiffness and excellent processability in thin-walled parts. Features include: very high rigidity, excellent moldfilling capability, and good surface quality. Typical applications include automotive instrument panel ductwork and non-visible console components. Uses: Automotive interior parts, automotive applicationsInformation provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Hostacom-GP622-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ISO 1183
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 230 Â°C	25 g/10 min @Load 4.76 lb, Temperature 446 Â°F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.0 MPa	5080 psi	ISO 527-1, -2
Elongation at Yield	4.0 %	4.0 %	ISO 527-1, -2
Flexural Modulus	2.90 GPa	421 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	126 Â°C	259 Â°F	Unannealed; ISO 75B-1, -2
Deflection Temperature at 1.8 MPa (264 psi)	72.2 Â°C	162 Â°F	Unannealed; ISO 75A-1, -2
Shrinkage	1.0 %	1.0 %	100x150x3.2 mm; Basell Test Method

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