

LyondellBasell Hostacomâ„¢ BG751P Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Calcium Carbonate (CaCO3) Filler

Material Notes:

Description: Hostacomâ„¢ BG751P very high melt flow, 1,600 MPa flexural modulus, UV-stabilized, natural, 20% calcium carbonate-filled, modified polypropylene resin has a unique balance of processability and weatherability. It was designed for applications that undergo extended outdoor exposure. Features include: superior moldfilling capability, excellent weatherability, good impact/stiffness balance, and excellent surface appearance. Typical applications include residential siding panels. Uses: Outdoor applicationsInformation provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Hostacom-BG751P-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	ISO 1183
Melt Flow	70 g/10 min @Load 2.16 kg, Temperature 230 Â°C	70 g/10 min @Load 4.76 lb, Temperature 446 Â°F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.0 MPa	3190 psi	ISO 527-1, -2
Elongation at Break	30 %	30 %	ISO 527-1, -2
Flexural Modulus	1.60 GPa	232 ksi	ISO 178
Izod Impact, Notched (ISO)	4.00 kJ/m ² @Temperature 23.0 Â°C	1.90 ft-lb/in ² @Temperature 73.4 Â°F	ISO 180

Thermal Properties	Metric	English	Comments
CTE, linear	80.0 Âµm/m-Â°C @Temperature -30.0 - 100 Â°C	44.4 Âµin/in-Â°F @Temperature -22.0 - 212 Â°F	ASTM D696

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