

## LyondellBasell Hglass BJ22GC Polypropylene Copolymer, 30% Glass Fiber

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

**Key Features:** conventional melt flow, medium high modulus, UV-stabilized, chemically coupled, glass fiber-reinforced polypropylene copolymer, moderately high rigidity, high impact strength, excellent weatherability

**Applications:** splice enclosures

**Description:** Hglass BJ22GC conventional melt flow, UV-stabilized, chemically coupled, 30% glass fiber-reinforced polypropylene copolymer was designed for applications which require high impact strength and extended outdoor exposure.

Information provided by Montell Polyolefins. LyondellBasell is the successor company to Montell.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LyondellBasell-Hglass-BJ22GC-Polypropylene-Copolymer-30-Glass-Fiber.php](http://www.lookpolymers.com/polymer_LyondellBasell-Hglass-BJ22GC-Polypropylene-Copolymer-30-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ASTM D792
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.0 MPa	7980 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Flexural Modulus	3.60 GPa	522 ksi	Tangent at 0.05 in/min; ASTM D790A
Izod Impact, Notched	2.70 J/cm	5.06 ft-lb/in	ASTM D256A
Izod Impact, Unnotched	7.50 J/cm	14.1 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	153 °C	307 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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