

LyondellBasell Astryn BR33GC Polypropylene Copolymer, Mineral Filled

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Key Features: conventional melt flow, high modulus, UV-stabilized, mineral-filled polypropylene copolymer, high rigidity, high impact strength, good dimensional stability, low fogging

Applications: knee bolsters, map pocket bins, glove box doors

Description: Astryn BR33GC conventional melt flow, UV-stabilized, precolored, mineral-filled polypropylene copolymer has an excellent balance of rigidity, impact strength and dimensional stability. It was designed for a variety of automotive interior trim applications. 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-Astryn-BR33GC-Polypropylene-Copolymer-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792B
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	ISO Method 2577
Melt Flow	5.0 g/10 min @Load 2.16 kg, Temperature 230 °C	5.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ISO 868
Tensile Strength, Yield	21.0 MPa	3050 psi	ISO Method R527
Elongation at Yield	5.0 %	5.0 %	ISO Method R527
Flexural Modulus	1.80 GPa	261 ksi	ISO Method 178
Izod Impact Resistance	0.170 J/cm ² @Temperature 23.0 °C	0.809 ft-lb/in ² @Temperature 73.4 °F	ISO 180

Thermal Properties	Metric	English	Comments
CTE, linear	48.0 µm/m-°C @Temperature -30.0 - 30.0 °C	26.7 µin/in-°F @Temperature -22.0 - 86.0 °F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	99.0 °C	210 °F	ISO Method 75

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China