

LyondellBasell Astryn 68F4-2 Polypropylene Homopolymer, 20% Talc

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Key Features: fractional melt flow, medium high modulus, mineral-filled, blow molding and extrusion grade polypropylene homopolymer, excellent impact and stiffness balance, good processability
Applications: automotive under-the-hood components
Description: Astryn 68F4-2 fraction melt flow, 20% talc-filled, blow molding and extrusion grade polypropylene homopolymer is designed for high strength, stiffness, impact resistance and processability.
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-68F4-2-Polypropylene-Homopolymer-20-Talc.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792B
Melt Flow	0.60 g/10 min @Load 2.16 kg, Temperature 230 °C	0.60 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	96	96	ASTM D785
Tensile Strength, Ultimate	26.0 MPa	3770 psi	ASTM D638
Tensile Strength, Yield	34.0 MPa	4930 psi	ASTM D638
Elongation at Break	160 %	160 %	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.70 GPa	247 ksi	Tangent at 0.05 in/min; ASTM D790A
Izod Impact, Notched	1.10 J/cm	2.06 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648

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