

LyondellBasell Astryn BC78A Polypropylene Copolymer, 23% Talc

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Key Features: high melt flow, high modulus, mineral-filled polypropylene copolymer, high rigidity, good colorability, good processability
Applications: automotive interior trim components, pillar moldings, package trays
Description: Astryn BC78A high melt flow, 23% talc-filled polypropylene copolymer is designed with an optimum balance of stiffness, colorability 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-BC78A-Polypropylene-Copolymer-23-Talc.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D792B
Melt Flow	23 g/10 min @Load 2.16 kg, Temperature 230 °C	23 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Hardness, Shore D	75	75	ASTM D785
Tensile Strength, Ultimate	20.0 MPa	2900 psi	ASTM D638
Tensile Strength, Yield	24.0 MPa	3480 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Flexural Modulus	2.10 GPa	305 ksi	ASTM D790A
Izod Impact, Notched	0.320 J/cm	0.599 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	165 °C	329 °F	ASTM D648

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