

LyondellBasell Astryn SB572C Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Key Features: fractional melt flow, medium modulus, extrusion grade polypropylene copolymer, good melt strength, good processability
Applications: solar panels
Description: Astryn SB572C fractional melt flow, precolored, extrusion grade polypropylene copolymer has balanced strength 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-SB572C-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	ASTM D792B
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	Tool, Montell
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
Tensile Strength, Ultimate	34.0 MPa	4930 psi	ASTM D638
Tensile Strength, Yield	23.0 MPa	3340 psi	ASTM D638
Elongation at Break	650 %	650 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	Tangent at 0.05 in/min; ASTM D790A
Izod Impact, Notched	5.30 J/cm	9.93 ft-lb/in	ASTM D256A
Gardner Impact	36.0 J	26.6 ft-lb	ASTM D3029

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