

LyondellBasell Astryn 73F5-1 Polypropylene Copolymer, 10% Calcium Carbonate

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Key Features: medium high melt flow, medium modulus, mineral-filled polypropylene copolymer, excellent impact and stiffness balance, good colorability, good aesthetics, very good processability
Applications: small appliances
Description: Astryn 73F5-1 medium high melt flow, 10% calcium carbonate-filled polypropylene copolymer has an excellent combination of strength, stiffness, impact resistance, 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-73F5-1-Polypropylene-Copolymer-10-Calcium-Carbonate.php

Physical Properties	Metric	English	Comments
Density	0.990 g/cc	0.0358 lb/in ³	ASTM D792B
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	81	81	ASTM D785
Tensile Strength, Ultimate	21.0 MPa	3050 psi	ASTM D638
Tensile Strength, Yield	23.0 MPa	3340 psi	ASTM D638
Elongation at Break	120 %	120 %	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Flexural Modulus	1.20 GPa	174 ksi	Tangent at 0.05 in/min; ASTM D790A
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.0 °C	171 °F	ASTM D648

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