

## LyondellBasell Astryn 73A6-3 Polypropylene Copolymer, 30% 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, excellent chemical resistance, excellent aesthetics, high gloss, good colorability, very good processability  
**Applications:** ABS replacement, lawn mower decks, lawn and garden tools, appliance housings  
**Description:** Astryn 73A6-3 medium high melt flow, 30% calcium carbonate-filled polypropylene copolymer has an excellent combination of properties, chemical resistance, aesthetics 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-73A6-3-Polypropylene-Copolymer-30-Calcium-Carbonate.php](http://www.lookpolymers.com/polymer_LyondellBasell-Astryn-73A6-3-Polypropylene-Copolymer-30-Calcium-Carbonate.php)

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in <sup>3</sup>	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	78	78	ASTM D785
Tensile Strength, Ultimate	17.0 MPa	2470 psi	ASTM D638
Tensile Strength, Yield	18.0 MPa	2610 psi	ASTM D638
Elongation at Break	350 %	350 %	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	1.20 J/cm	2.25 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	83.0 °C	181 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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