

## LyondellBasell Astryn SD068-4 Polypropylene Copolymer, 40% Calcium Carbonate

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

**Key Features:** fractional melt flow, high modulus, mineral-filled, blow molding and extrusion grade polypropylene copolymer, good melt strength, excellent processability, excellent impact and stiffness balance  
**Applications:** wiring channels, ductwork, seat backs  
**Description:** Astryn SD068-4 fraction melt flow, 40% calcium carbonate-filled polypropylene copolymer is designed for blow molding and extrusion. This material is characterized by very good melt strength and excellent 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-SD068-4-Polypropylene-Copolymer-40-Calcium-Carbonate.php](http://www.lookpolymers.com/polymer_LyondellBasell-Astryn-SD068-4-Polypropylene-Copolymer-40-Calcium-Carbonate.php)

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in <sup>3</sup>	ASTM D792B
Melt Flow	0.40 g/10 min @Load 2.16 kg, Temperature 230 °C	0.40 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	87	87	ASTM D785
Hardness, Shore D	74	74	ASTM D2240
Tensile Strength, Ultimate	21.0 MPa	3050 psi	ASTM D638
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Break	170 %	170 %	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	1.90 GPa	276 ksi	Tangent at 0.05 in/min; ASTM D790A
Izod Impact, Notched	2.50 J/cm	4.68 ft-lb/in	ASTM D256A
Gardner Impact	30.0 J	22.1 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	81.0 °C	178 °F	ASTM D648

**Contact Songhan Plastic Technology Co.,Ltd.**

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China