

## LyondellBasell Astryn 65F4-4 Polypropylene Homopolymer, 40% Talc

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

**Key Features:** conventional melt flow, high modulus, mineral-filled polypropylene homopolymer, high stiffness, good dimensional stability, excellent heat resistance  
**Applications:** automotive heater and A/C housings, small and large appliances, fan shrouds, housewares, utility products  
**Description:** Astryn 65F4-4 conventional melt flow, 40% talc-filled polypropylene homopolymer is designed for maximum stiffness, good dimensional stability and excellent heat aging performance. 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-65F4-4-Polypropylene-Homopolymer-40-Talc.php](http://www.lookpolymers.com/polymer_LyondellBasell-Astryn-65F4-4-Polypropylene-Homopolymer-40-Talc.php)

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in <sup>3</sup>	ASTM D792B
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 °C	4.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	94	94	ASTM D785
Tensile Strength, Ultimate	23.0 MPa	3340 psi	ASTM D638
Tensile Strength, Yield	29.0 MPa	4210 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Flexural Modulus	2.90 GPa	421 ksi	Tangent at 0.05 in/min; ASTM D790A
Izod Impact, Notched	0.270 J/cm	0.506 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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