

## LyondellBasell Astryn 6652 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

**Key Features:** low melt flow, medium modulus polypropylene homopolymer, high strength, high impact, good hydrolytic ability  
**Applications:** water pipe fittings and connectors  
**Description:** Astryn 6652 low melt flow, polypropylene homopolymer has high strength, excellent impact resistance and good hydrolytic stability.  
**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-6652-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_LyondellBasell-Astryn-6652-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in <sup>3</sup>	ASTM D792B
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 230 °C	2.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	97	97	ASTM D785
Tensile Strength, Ultimate	19.0 MPa	2760 psi	ASTM D638
Tensile Strength, Yield	34.0 MPa	4930 psi	ASTM D638
Elongation at Break	250 %	250 %	ASTM D638
Elongation at Yield	9.0 %	9.0 %	ASTM D638
Flexural Modulus	1.40 GPa	203 ksi	Tangent at 0.05 in/min; ASTM D790A
Izod Impact, Notched	1.50 J/cm	2.81 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	88.0 °C	190 °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