

## Polymer Industries Densetec PP Homopolymer Sheet

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

### Material Notes:

Polymer Industries' Densetec Homopolymer Polypropylene exhibits the properties of high corrosion resistance, high temperature resistance, and great tensile strength. It maintains its stiffness at elevated temperatures and displays resistance to organic solvents, degreasing agents, and electrolytic attack. In addition, the material is lightweight, and stain and moisture resistant. Due to its chemical resistance, Densetec Homopolymer Polypropylene is ideally suited to be used with a wide range of chemicals. Its resistance to aggressive media permits it to be used in laboratories and a large variety of industrial applications. The material resists most strong acids and bases even at relatively high temperatures and concentrations. Information provided by Polymer Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polymer-Industries-Densetec-PP-Homopolymer-Sheet.php](http://www.lookpolymers.com/polymer_Polymer-Industries-Densetec-PP-Homopolymer-Sheet.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D792
Melt Index of Compound	0.60 g/10 min	0.60 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	92	92	ASTM D785
Tensile Strength, Yield	33.0 MPa	4790 psi	ASTM D638
Elongation at Yield	16 %	16 %	ASTM D638
Flexural Modulus	1.552 GPa	225.1 ksi	ASTM D790A
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	164 °C	327 °F	Private Lab

## Contact Songhan Plastic Technology Co.,Ltd.

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