

## Polymer Industries Densetec PP Copolymer Sheet

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

### Material Notes:

Polymer Industries' Densetec Copolymer Propylene differs from the Densetec Homopolymer Polypropylene by virtue of an additional monomer in the product, thus making it a copolymer material. This is achieved by adding ethylene to the material during the polymerization process. This helps the material achieve higher impact strength and toughness characteristics even at very low temperatures. Information provided by Polymer Industries.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.901 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D792
Melt Index of Compound	0.70 g/10 min	0.70 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	78	78	ASTM D785
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Yield	13 %	13 %	ASTM D638
Flexural Modulus	1.206 GPa	174.9 ksi	ASTM D790A
Izod Impact, Notched	NB	NB	ASTM D256
Falling Dart Impact	29.0 J	21.4 ft-lb	-29°C; Private Lab

Thermal Properties	Metric	English	Comments
Melting Point	162 °C	324 °F	Private Lab

## Contact Songhan Plastic Technology Co.,Ltd.

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