

Rochling Engineered Plastics Polystone® P Polypropylene Extruded Sheet

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

Information provided by Röchling Engineered Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Rochling-Engineered-Plastics-Polystone-P-Polypropylene-Extruded-Sheet.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	ASTM D792
Water Absorption	<= 0.10 %	<= 0.10 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	72	72	ASTM D785
Tensile Strength, Yield	32.4 MPa	4700 psi	ASTM D638
Flexural Modulus	1.24 GPa	180 ksi	ASTM D790
Izod Impact, Notched	1.01 J/cm	1.90 ft-lb/in	@ 73°F; ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	198 µm/m-°C @Temperature 20.0 °C	110 µin/in-°F @Temperature 68.0 °F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	98.9 °C	210 °F	ASTM D648

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