

CMT Materials REN Shape® 470 Tooling Board, Modeling Board, Adhesive Products

Category : Polymer

Material Notes:

CMT Materials offers the complete line of REN Shape tooling board, modeling board, and related adhesive products. Vacuum formers and thermoformers use these products as prototype and low volume production molds when forming in applications where metal molds do not makes sense due to time or cost considerations. CMT can help in selecting the proper board material for specific forming applications considering factors such as surface quality, ease in machining, tool durability, and forming temperature. Information Provided by CMT Materials, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CMT-Materials-REN-Shape-470-Tooling-Board-Modeling-Board-Adhesive-Products.php

Physical Properties	Metric	English	Comments
Density	1.67 g/cc	0.0602 lb/in ³	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	90	90	ASTM D-2240
Tensile Strength, Ultimate	32.4 MPa	4700 psi	ASTM D-638
Flexural Strength	60.0 MPa	8700 psi	ASTM D-790
Flexural Modulus	6.78 GPa	983 ksi	ASTM D-790
Compressive Strength	65.5 MPa	9500 psi	ASTM D-695
Compressive Modulus	5.97 GPa	866 ksi	ASTM D-695

Thermal Properties	Metric	English	Comments
CTE, linear	40.9 µm/m-°C	22.7 µin/in-°F	ASTM D-3386
Glass Transition Temp, Tg	111 °C	232 °F	ASTM D-4065

Descriptive Properties	Value	Comments
Color	Gray	

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