

Spartech Acrylloy F Acrylic Sheet

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Acrylic, Optical Sheet

Material Notes:

Description: Acrylic Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Acrylloy-F-Acrylic-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	106	106	ASTM D785
Tensile Strength, Yield	52.4 MPa	7600 psi	ASTM D638
Tensile Modulus	2.28 GPa	330 ksi	ASTM D638
Flexural Modulus	2.07 GPa	300 ksi	ASTM D790
Izod Impact, Unnotched	0.320 J/cm	0.600 ft-lb/in	ASTM D256
Falling Dart Impact	8.13 J	6.00 ft-lb	73Å°F; ASTM D3029

Thermal Properties	Metric	English	Comments
CTE, linear	93.6 Åµm/m-Å°C @Temperature 20.0 Å°C	52.0 Åµin/in-Å°F @Temperature 68.0 Å°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	79.4 Å°C	175 Å°F	ASTM D648
Flammability, UL94	HB	HB	

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