

Samyang Trimma[®] SD6350H PMMA, Opaque

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Acrylic, General Purpose, Molded

Material Notes:

High scratch resistance; stability against weak acids, strong acids, weak alkalis and inorganic salts. Applications: Laptop, Monitor Front Cover - for high flow, high gloss and high hardness. Information provided by Samyang.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samyang-Trimma-SD6350H-PMMA-Opaque.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D955
Melt Flow	14 g/10 min	14 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	53.9 MPa	7820 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Flexural Yield Strength	72.6 MPa	10500 psi	ASTM D790
Flexural Modulus	2.29 GPa	333 ksi	ASTM D790
Izod Impact, Notched	0.981 J/cm @Thickness 3.17 mm	1.84 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	83.0 Å°C	181 Å°F	ASTM D648
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

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