

Lucite International Elvakon® 4490 High Gloss Acrylic Capstock

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Acrylic, Extruded

Material Notes:

Coextrusion grade developed to provide high aesthetic control, outstanding weatherability and impact and scratch resistance, the Elvakon® series enables protection of substrates with a durable protective coating. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvakon-4490-High-Gloss-Acrylic-Capstock.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ISO 1183
Water Absorption	0.38 %	0.38 %	ISO 62
Melt Flow	3.9 g/10 min	3.9 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	72	72	ISO 2039-2
Tensile Strength	29.0 MPa	4210 psi	ISO 527
Elongation at Break	59 %	59 %	ISO 527
Flexural Strength	38.0 MPa	5510 psi	ISO 178
Flexural Modulus	1.20 GPa	174 ksi	ISO 178
Izod Impact, Notched (ISO)	8.10 kJ/m ²	3.85 ft-lb/in ²	ISO 180/1A
Charpy Impact Unnotched	11.5 J/cm ²	54.7 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	0.930 J/cm ²	4.43 ft-lb/in ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	60.0 Â°C	140 Â°F	ISO 75A
Vicat Softening Point	66.0 Â°C	151 Â°F	ISO 306B
	84.0 Â°C	183 Â°F	ISO 306A

Optical Properties	Metric	English	Comments
Refractive Index	1.49	1.49	ISO 489
Transmission, Visible	88.5 %	88.5 %	ASTM D1003

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China