

Lucky EH-910 Acrylic, Extrusion Grade

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Acrylic, Heat Resistant, Molded

Material Notes:

Highest heat and stress cracking resistance of Lucky PMMA grades. Recommended for extrusion of sheets, pipes, and profiles. Can also be used for injection molding of small parts. May be UV stabilized. General Lucky PMMA qualities: Transparent/elegant appearance, high heat and weather resistance, excellent chemical resistance and coloring capability.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucky-EH-910-Acrylic-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	ASTM D955-51
Melt Flow	1.0 g/10 min	1.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	97	97	ASTM D785
Tensile Strength, Ultimate	74.0 MPa	10700 psi	ASTM D638
Elongation at Break	3.5 %	3.5 %	ASTM D638
Flexural Yield Strength	133 MPa	19300 psi	ASTM D790
Flexural Modulus	3.30 GPa	479 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	98.0 °C	208 °F	Heat Distortion Temp
	98.0 °C	208 °F	Deflection Temp; Load not reported; ASTM D648
Vicat Softening Point	105 °C	221 °F	ASTM D1525
Flammability, UL94	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	HB	HB	
	@Thickness 3.17 mm	@Thickness 0.125 in	

Optical Properties	Metric	English	Comments
Refractive Index	1.49	1.49	ASTM D542

Transmission Visible Optical Properties	92 % Metric	92 % English	ASTM D1003 Comments
Electrical Properties	Metric	English	Comments
Dielectric Strength	20.0 kV/mm	508 kV/in	ASTM D149

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