

Lucite International Elvacite Â® 2042 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

ElvaciteÂ® 2042 is a very high molecular weight ethyl methacrylate polymer. It is a tough, alcohol â€" tolerant, broadly compatible grade for use in abrasion â€" resistant coatings such as high â€" gloss clear lacquers for decals and outdoor signs. Slightly softer than ElvaciteÂ® 2013. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2042-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.11 g/cc	1.11 g/cc	
Particle Size	110 - 180 Âµm	110 - 180 Âµm	
Molecular Weight	220000 g/mol	220000 g/mol	

Mechanical Properties	Metric	English	Comments
Tensile Strength	37.2 MPa	5400 psi	
Elongation at Break	25 %	25 %	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	65.0 Â°C	149 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	0.00	0.00	

Processing Properties	Metric	English	Comments
Moisture Content	0.50 %	0.50 %	

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