

Lucite International Elvacite Â® 2046 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

ElvaciteÂ® 2046 is a high molecular weight iso-butyl / n-butyl methacrylate copolymer. ElvaciteÂ® 2046 is useful in aluminum finishes, ceramic coatings, and aerosol snows. It is soluble in mineral spirits, VM & P Naphtha, and some alcohols. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2046-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	
Viscosity Measurement	0.50 - 0.57	0.50 - 0.57	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	165000 g/mol	165000 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Knoop	4.0	4.0	Tukon Hardness
Tensile Strength	14.5 MPa	2100 psi	
Elongation at Break	175 %	175 %	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	35.0 Â°C	95.0 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	0.00	0.00	

Processing Properties	Metric	English	Comments
Moisture Content	0.40 %	0.40 %	

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