

Lucite International Elvacite Â® 2016 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

ElvaciteÂ® 2016 is a low molecular weight methyl methacrylate / n-butyl methacrylate copolymer. ElvaciteÂ® 2016 is useful in clear, translucent or pigmented metal lacquers. It is a fast dissolving, low viscosity resin for lacquer and toner use. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2016-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	
Particle Size	170 - 265 Âµm	170 - 265 Âµm	
Viscosity Measurement	0.23 - 0.255	0.23 - 0.255	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	60000 g/mol	60000 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Knoop	8.0	8.0	Tukon Hardness
Tensile Strength	15.9 MPa	2310 psi	
Elongation at Break	2.0 %	2.0 %	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	59.0 Â°C	138 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	3.5	3.5	

Processing Properties	Metric	English	Comments
Moisture Content	0.50 %	0.50 %	

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