

Lucite International Elvacite Â® 2028 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

ElvaciteÂ® 2028 is a low molecular weight methacrylate copolymer. It is unique in its broad compatibility and solubility. ElvaciteÂ® 2028 is designed for flexographic inks, general - purpose lacquers and metal coatings. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2028-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.11 g/cc	1.11 g/cc	
Particle Size	130 - 220 Âµm	130 - 220 Âµm	
Viscosity Measurement	0.226 - 0.257	0.226 - 0.257	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	59000 g/mol	59000 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Knoop	6.0	6.0	Tukon Hardness
Tensile Strength	5.52 MPa	801 psi	
Elongation at Break	75 %	75 %	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	45.0 Â°C	113 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	12	12	

Processing Properties	Metric	English	Comments
Moisture Content	0.80 %	0.80 %	

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