

Lucite International Elvacite Â® 4045 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

ElvaciteÂ® 4045 is a medium molecular weight methyl methacrylate polymer. It is designed for use in solvent based screen printing inks, but can be used in a variety of ink formulations. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-4045-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Particle Size	100 - 200 Âµm	100 - 200 Âµm	
Viscosity Measurement	0.36 - 0.39	0.36 - 0.39	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	74000 g/mol	74000 g/mol	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	95.0 Â°C	203 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	3.3	3.3	

Processing Properties	Metric	English	Comments
Moisture Content	0.50 %	0.50 %	

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