

Lucite International Elvacite Â® 2043 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

ElvaciteÂ® 2043 is a low molecular weight ethyl methacrylate copolymer. It is a fast dissolving, low viscosity resin with alcohol solubility for flexographic inks. Most compatible grade. It provides excellent pigment wetting ability and broad solubility for use in lacquers for solvent sensitive substrates. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2043-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	
Particle Size	140 - 220 Âµm	140 - 220 Âµm	
Viscosity Measurement	0.18 - 0.238	0.18 - 0.238	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	50000 g/mol	50000 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Knoop	11	11	Tukon Hardness
Tensile Strength	6.89 MPa	999 psi	
Elongation at Break	0.60 %	0.60 %	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	66.0 Â°C	151 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	8.0	8.0	

Processing Properties	Metric	English	Comments
Moisture Content	0.60 %	0.60 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China