

Lucite International Elvacite Â® 2044 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

ElvaciteÂ® 2044 is a high molecular weight n-butyl methacrylate polymer. ElvaciteÂ® 2044 is useful in adhesives for smooth plastic films and aluminum, and in silk screen inks. It will plasticize and improve adhesion of harder butyl grades (ElvaciteÂ® 2045 and 2046) and nitrocellulose. ElvaciteÂ® 2044 can also be used to improve the outdoor durability of vinyl chloride resins in pigmented lacquers. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2044-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	
Viscosity Measurement	0.47 - 0.56	0.47 - 0.56	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	142000 g/mol	142000 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Knoop	1.0	1.0	Tukon Hardness
Tensile Strength	3.45 MPa	500 psi	
Elongation at Break	300 %	300 %	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	20.0 Â°C	68.0 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	0.00	0.00	

Processing Properties	Metric	English	Comments
Moisture Content	0.30 %	0.30 %	

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