

## Lucite International Elvacite Â® 2014 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

**Material Notes:**

ElvaciteÂ® 2014 is a medium molecular weight methyl methacrylate copolymer. 2014 is the softest and most flexible of the ElvaciteÂ® copolymer grades. It provides good pigment wetting. ElvaciteÂ® 2014 is useful in clear, translucent or pigmented metal lacquers. It is also useful in "Electrofax" copy paper coatings and seamless flooring. Information provided by Lucite International

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucite-International-Elvacite-2014-Acrylic-Resin.php](http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2014-Acrylic-Resin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	
Particle Size	120 - 200 Âµm	120 - 200 Âµm	
Viscosity Measurement	0.37 - 0.43	0.37 - 0.43	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	119000 g/mol	119000 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Knoop	4.0	4.0	Tukon Hardness
Tensile Strength	24.1 MPa	3500 psi	
Elongation at Break	18 %	18 %	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	41.0 Â°C	106 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	13	13	

Processing Properties	Metric	English	Comments
Moisture Content	0.50 %	0.50 %	

## 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