

## Lucite International Elvacite Â® 2550 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

### Material Notes:

ElvaciteÂ® 2550 is a solid bead methacrylate copolymer resin. It is designed to provide excellent adhesion to metal surfaces and is a resin with good flexibility and medium molecular weight. As such, it has found use in staple cement formulations. Since ElvaciteÂ® 2550 is an all methacrylate resin, resistance to ultraviolet degradation with good exterior durability is expected. Information provided by Lucite International

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucite-International-Elvacite-2550-Acrylic-Resin.php](http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2550-Acrylic-Resin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	
Density	1.043 g/cc	0.03768 lb/inÂ³	
Brookfield Viscosity	2200 cP	2200 cP	in Toluene, 37.5% solids
	@Temperature 25.0 Â°C	@Temperature 77.0 Â°F	
	3600 cP	3600 cP	in Toluene, 40.0% solids
	@Temperature 25.0 Â°C	@Temperature 77.0 Â°F	
Viscosity Measurement	0.32	0.32	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	98000 g/mol	98000 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Knoop	3.5	3.5	Tukon Hardness

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	36.0 Â°C	96.8 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	17	17	

## Contact Songhan Plastic Technology Co.,Ltd.

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