

Lucite International Elvacite Â® 2927 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

Lucite International has developed novel polymer chemistry which delivers ElvaciteÂ® thermoplastic acrylic resins with controlled molecular architecture and enables the coatings formulator to achieve higher solids solutions / lower VOC emissions without significant compromise to physical properties or causing odor problems. The technology has been developed with a VOC limit target of 3.5 lb./gal. ElvaciteÂ® 2927 can be employed in a wide range of inks and coatings systems, where the increased solids or reduced solution viscosity are desired. Typical applications include: Industrial Coatings, Concrete Coatings, Marine Paints, Solvent based Inks, UV Coatings and Inks. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2927-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	
Viscosity Measurement	0.11 - 0.13	0.11 - 0.13	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	19000 g/mol	19000 g/mol	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	46.0 Â°C	115 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	3.5	3.5	

Processing Properties	Metric	English	Comments
Moisture Content	0.65 %	0.65 %	

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