

Lucite International Lucite® 6751 Acrylic Bead Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

Lucite® acrylic resins are used in a variety of industrial, commercial and architectural applications. They are a favorite among manufacturers of commemorative embedments because of their exceptional optical clarity and hardness. The widely-used technique of casting with a slurry mixture of Lucite® resin and methyl methacrylate monomer produces fine embedments suitable for use as service awards, sales aids, anniversary commemorations, and product displays. Lucite® 6751 is the highest quality resin for embedment work because of its small average particle size distribution and enhanced optical clarity. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Lucite-6751-Acrylic-Bead-Resin.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0431 lb/in ³	
Water Absorption	0.47 %	0.47 %	
Particle Size	75 - 105 Åµm	75 - 105 Åµm	
Viscosity Measurement	1.2	1.2	Inherent viscosity

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	81	81	
Tensile Strength	53.8 MPa	7800 psi	
Elongation at Break	1.0 %	1.0 %	

Optical Properties	Metric	English	Comments
Transmission, Visible	92 %	92 %	

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