

Lucite International Elvacite Â® 2041 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

ElvaciteÂ® 2041 is a high molecular weight methyl methacrylate polymer. It is used in many coatings applications providing maximum abrasion resistance, block resistance, and slip. It is non-reactive which permits its use in many reactive systems to reduce shrinkage and control viscosity. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2041-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	
Viscosity Measurement	0.768 - 0.896	0.768 - 0.896	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	410000 g/mol	410000 g/mol	

Mechanical Properties	Metric	English	Comments
Hardness, Knoop	11	11	Tukon Hardness
Elongation at Break	1.0 %	1.0 %	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	105 Â°C	221 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	0.00	0.00	

Processing Properties	Metric	English	Comments
Moisture Content	0.75 %	0.75 %	

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