

Lucite International Elvacite Â® 4044 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

ElvaciteÂ® 4044 is a solid bead resin is a medium molecular weight butyl methacrylate-methyl methacrylate copolymer. It is a relatively soft and flexible acrylic resin for use in manufacture of ceramic covercoats and heat seal lacquers. ElvaciteÂ® 4044 is an inherently soft polymer and may block or cake under certain storage conditions. This product should be stored and used at temperatures not exceeding 30Â°C. If stored under these conditions, lumps may form which may need increased mechanical effort to break down. This does not detract from the performance of the product. It has good compatibility with many binders and plasticisers, and has excellent solubility in a wide range of solvents. Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-4044-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Viscosity	1500 - 2000 cP	1500 - 2000 cP	40% w/w in Shellsol A
Viscosity Measurement	0.55	0.55	reduced viscosity (dl/g), 1 wt% in chloroform; Ubbelohde B Viscometer
Molecular Weight	12000 g/mol	12000 g/mol	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	32.0 Â°C	89.6 Â°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	0.00	0.00	

Processing Properties	Metric	English	Comments
Moisture Content	0.50 %	0.50 %	

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