

Lucite International Elvacite® 2021E Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

Elvacite® 2021E is a high molecular weight methyl methacrylate. It provides a balance of solubility and hardness. It is used in migration barrier top coating for vinyl substrates. It is also used to give tough films on many other plastic substrates. Elvacite 2021E complies with the compositional requirements of the following FDA Regulations in relation to food contact: 21 CFR 175.105, 175.300, 175.320*, 176.170, 176.180, and 177.1010 Information provided by Lucite International

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2021E-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	0.46 - 0.53	0.46 - 0.53	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.
Molecular Weight	119000 g/mol	119000 g/mol	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	95.0 °C	203 °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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