

## Lucite International Lucite<sup>®</sup> 4F Glass Separation Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

**Material Notes:**

Improper storage and transport of glass products (e.g. flat glass or fabricated items) can lead to costly damage caused by glass-to-glass abrasion and/or corrosion rendering it unsuitable for end-use. Lucite<sup>®</sup> Acrylic Resins in combination with adipic acid provides excellent protection of glass during storage and shipment. The blend of adipic acid with Lucite<sup>®</sup> acrylic resins provides the following benefits:

Prevents glass-to-glass abrasion/scratching; Prevents glass corrosion when blended with adipic acid; Physical separator to ease glass handling; Highly resilient; Inert, non-hazardous; Cost effective; Perfectly suited for automated glass handling/processing; Easy to apply; Easy to remove

Information provided by Lucite International

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucite-International-Lucite-4F-Glass-Separation-Resin.php](http://www.lookpolymers.com/polymer_Lucite-International-Lucite-4F-Glass-Separation-Resin.php)

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0421 lb/in <sup>3</sup>	
Water Absorption	0.45 %	0.45 %	
Particle Size	50 - 95 $\mu$ m	50 - 95 $\mu$ m	
Viscosity Measurement	1.1 - 1.3	1.1 - 1.3	Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer.

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	63	63	
Tensile Strength	47.0 MPa	6820 psi	
Elongation at Break	12 %	12 %	

Optical Properties	Metric	English	Comments
Refractive Index	1.491	1.491	
Transmission, Visible	92 %	92 %	

Processing Properties	Metric	English	Comments
Moisture Content	0.75 %	0.75 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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