

Lucite International Elvacite Â® 2051 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

ElvaciteÂ® 2051 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-2051-Acrylic-Resin.php

| Physical Properties | Metric | English | Comments |
|-----------------------|---------------|---------------|---|
| Specific Gravity | 1.25 g/cc | 1.25 g/cc | |
| Viscosity Measurement | 1.137 - 1.367 | 1.137 - 1.367 | 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 | |

| 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 | 0.50 % | 0.50 % | |

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