

ACRYLIC FROST

| Property | Unit | Test Method | Acrylic Frost |
|-----------------------------------|-------------------|-------------|---------------|
| PHYSICAL | | | |
| Specific Gravity | g/cm ³ | ASTM D792 | 1.16 |
| Water Absorption 23°C, 24 hr | % | ASTM D570 | 0.30 |
| HARDNESS | | | |
| Rockwell Hardness (M-Scale, 23°C) | % | ASTM D785 | 50 |
| MECHANICAL | | | |
| Tensile Modulus | psi | ASTM D638 | 330,000 |
| Tensile Strength (Break, 23°C) | psi | ASTM D638 | 7,600 |
| Tensile Elongation (Break, 23°C) | % | ASTM D638 | 38 |
| Flexural Modulus (23°C) | psi | ASTM D790 | 330,000 |
| Flexural Strength (23°C) | psi | ASTM D790 | 12,500 |
| THERMAL | | | |
| Vicat Softening Temperature | °F | ASTM D1525 | 185 |
| FLAMMABILITY | | | |
| Flame Rating | | UL94 | HB |
| OPTICAL | | | |
| Transmittance | % | ASTM D1003 | 84.00 |

This information reflects the current state of our knowledge and is intended only to assist and advice. It is given without obligation or liability. It does not assure or guarantee chemical resistance, quality of products or their suitability in any legally binding way. Values are not minimum or maximum values, but guidelines that can be used for comparative purposes in material selection. They are within the normal range of product properties and do not represent guaranteed property values. Tests under the particular application circumstances are always recommended.

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