

Acrylic Capping Polymer Lucite® TufCoat® 4550

| PROPERTY | TEST METHOD | UNITS | VALUE |
|--------------------------------------|-------------|-------------------|---------|
| THERMAL | | | |
| Melt Flow Rate (230°C / 3.8Kg) | ASTM D1238 | g/10min | 1.5 |
| HDTUL (264 psi) | ASTM D648 | °F | 144 |
| Vicat Softening Temperature (rate A) | ASTM D1525 | °F | 191 |
| MECHANICAL | | | |
| Tensile Strength | ASTM D638 | psi | 3,600 |
| Tensile Modulus | ASTM D638 | psi | 252,000 |
| Elongation | ASTM D638 | % | 35 |
| Flexural Strength | ASTM D790 | psi | 6,500 |
| Flexural Modulus | ASTM D790 | psi | 200,000 |
| Izod Impact Strength | ASTM D256 | ft-lb/in of notch | 1.7 |
| GENERAL | | | |
| Specific Gravity | ASTM D792 | g/cc | 1.16 |
| Rockwell Hardness | ASTM D785 | M Scale | 4 |

The above data represents typical results obtained using standard test pieces; it should not form the basis of specifications.

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Users of Lucite TufCoat Acrylic polymer should consult the relevant Material Safety Data Sheet.

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Contact : rozenburg@lucite.com, +31 (0) 181 233 233, lucitediakon.com