



Physical Properties

Frosted Acrylics Physical Properties

Frosted Acrylics™

| Physical Properties | Typical Values | ASTM Method |
|--|------------------------|-------------|
| <u>IZOD Impact Strength</u> | | |
| Notched at 73°F (22.78°C) | 1.10 ft lbs/in - .3 | D-256 |
| <u>Tensile Strength</u> | | |
| To break | 10,200 psi | D-638 |
| Elongation before break | 4.5% | D-638 |
| <u>Flexural Strength</u> | | |
| (span depth ratio 16, 0.1"/min) | 15,000 psi | D-790 |
| <u>Specific Gravity</u> | 1.15 | D-792 |
| <u>Rockwell Hardness</u> | M-100 | D-785 |
| <u>Deflection Temperature</u> | | |
| Temperature at which material deflects .010" (.254mm) at 264 psi | 200°F | D-648 |
| <u>Coefficient of Thermal Expansion</u> | | |
| Inch/inch/°F | 5.6×10^{-5} | E-831 |

NOTE: The above information is given in good faith, but no warranty, express or implied, is given.