

| PROPERTY | ASTM or UL TEST | RIGID |
|--|--------------------|----------------------------|
| PHYSICAL | | |
| SPECIFIC GRAVITY | D792 | 1.55 +/- 2 |
| SPECIFIC VOLUME (in ³ /lb) | D792 | 17.9 |
| WATER ABSORPTION, 24h, 1/8-in thk (%) | D570 | |
| AT 73°F | | +0.03 |
| AT 212°F | | +0.55 |
| MECHANICAL | | |
| TENSILE STRENGTH (MPa @ 73°F) | D638 | 55.2 |
| TENSILE MODULUS (MPa @ 73°F) | D638 | 2482.1 |
| FLEXURAL STRENGTH (MPa @ 73°F) | D638 | 104.1 |
| FLEXURAL MODULUS (MPa @ 73°F) | D790 | 2861.3 |
| COMPRESSIVE STRENGTH (MPa @ 73°F) | D695 | 69.6 |
| COMPRESSIVE MODULUS (MPa @ 73°F) | D695 | 1351.4 |
| IMPACT STRENGTH, IZOD (J/m OF NOTCH) | D256 | 80.1 |
| HARDNESS, ROCKWELL M | D785 | 119 |
| THERMAL | | |
| THERMAL CONDUCTIVITY (Cal-cm/sec-cm ² °C) | C177 | 0.000328 |
| COEFFICIENT OF THERMAL EXPANSION (10-5 cm/cm- °C) | D696 | 6.12 |
| HEAT DISTORTION TEMPERATURE (°C) | D648 | 102.8 |
| ELECTRICAL | | |
| DIELECTRIC STRENGTH (kV/mm) | D149 | |
| SHORT TIME, 1/8-in thk | | 49.2 |
| DIELECTRIC CONSTANT | D150 | |
| AT kHz 3.0-3.8 | | 3.7 |
| VOLUME RESISTANCY (ohm-in) | D257 | |
| AT 73°F, 50% RH | | 1.34x10 ¹⁵ |
| FLAMMABILITY | | |
| FLAMMABILITY RATING | UL 94 | V-O, 5VB, 5VA |
| FLAME SPREAD | - | 0 ULC 15 ASTM E84 |
| SMOKE GENERATION | - | 5-30 ULC 9-169 ASTM E84 |
| LIMITING OXYGEN INDEX | D2863 | 60 |

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