

MAX CAST

PHYSICAL PROPERTIES AND MECHANICAL PROPERTIES

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|---|--------------------------|
| MIX RATIO | 2:1 |
| Tee-Peel Strength PC to PC | 25 Pounds Per Inch Width |
| Tear Resistance per ASTM D470 | 97 Pounds |
| Tensile Shear Strength | 1,800 PSI At 25 °C |
| | 2,200 PSI At -80°C |
| | 450 PSI At 100 °C |
| Tensile Strength | 1,600 PSI @ 25°C |
| Elongation At Break ASTM D638 | 50 % @ 25°C |
| Hardness ASTM D2240 | 60 Shore D or 80 Shore A |
| Impact Resistance Two-Inch Diameter Ball, 560 Grams Dropped At Height Of 24 Inches | No Damage, Flexed |

ELECTRICAL PROPERTIES

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|-------------------------------|--------------------------------|
| Volume Resistivity | 4.7 X 10 ¹³ Ohms-CM |
| Dielectric Strength ASTM D150 | 480 Volts Per Mil .001 Inch |
| Dielectric Constant ASTM D149 | 4.0 (10 kHz) |
| Dissipation Factor ASTM D150 | .014 (10 kHz) |