

Marine Grade

KömaTex®

| Physical Properties | Unit | Test Method | 19mm & 25mm |
|---------------------------------|----------------------------|-------------|---------------|
| Density | g/cm ³ | ASTM D792 | 0.60 |
| Water Absorption | % | ASTM D570 | 1.15 (19mm) |
| Surface Energy | Dyne | | 32-34 |
| Hardness | Shore D | ASTM D2440 | 55-60 |
| | | | |
| Mechanical Properties | | | |
| Tensile Strength @ Break | psi | ASTM D638 | 1313 (19mm) |
| Flexural Strength @5% | psi | ASTM D790 | 2420 (19mm) |
| Tensile Modulus | psi | ASTMD638 | 121874 (19mm) |
| Flexural Modulus | psi | ASTM D790 | 102559 (19mm) |
| Screw Hold | psi | ASTM D1761 | 508 (19mm) |
| Izod Impact (Un-notched) | ft-lb/in | ASTM D 256 | 2.72 (19mm) |
| | | | |
| Thermal Properties | | | |
| Heat Deflection Temp | °F | ASTM D648 | NA |
| Coefficient of Linear Expansion | CLTE (/°C)10 ⁻⁶ | ASTM E831 | NA |
| Vicat Softening Point | °F | ASTM D1525 | NA |
| Thermal Resistance R | R | ASTM C518 | 0.573 (19mm) |
| | | | |
| Flammability | | | |
| Flame Spread Index | Class (A,B,C) | UL E84 | B (19mm) |
| Vertical Burn Test | | UL 94 | NA |
| Fire Foam Test | | UL 1975 | NA |
| | | | |
| Electrical Properties | | | |
| Dielectric Strength | kV/mm | ASTM D194 | 7.8 |
| | | | |
| Compliances | | RoHS | Yes |
| | | Prop 65 | Yes |
| | | REACH | No |



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