

DATA SHEET

RULON A

| | |
|---|----------------------|
| PHYSICAL | |
| SPECIFIC GRAVITY | 2.24 |
| WATER ABSORPTION, 24 hr. (%) | 0 |
| MECHANICAL | |
| TENSILE | |
| Strength, Yield (10 ³ psi) @ 73°F. | 1.2 |
| Elongation, Ultimate (%) @ 73°F. | 100 |
| Modulus, Yield (10 ³ psi) @ 73°F. | |
| FLEXURAL | |
| Strength, (10 ³ psi) @ 73°F. | |
| Modulus, Yield (10 ³ psi) @ 73°F. | |
| COMPRESSIVE STRENGTH | |
| 2% Offset, (10 ³ psi) | |
| IMPACT STRENGTH | |
| Izod, Notched (ft. - lb./in.) @ 73°F. | 6 |
| HARDNESS | D60 - 75 |
| COEFFICIENT OF STATIC FRICTION | |
| Against self | |
| Against steel | |
| THERMAL | |
| CONDUCTIVITY | |
| (BTU/hr/sq. ft./Degree F./in.) | 2.3 |
| COEFF. OF THERMAL EXPANSION | |
| (10 ⁻⁵ /Degree F.) | |
| SPECIFIC HEAT | |
| (BTU/lb./Degree F.) | |
| HEAT DEFLECTION TEMP. | |
| (Degree F.) | |
| At 66 psi. | |
| At 264 psi | |
| MAX. CONTINUOUS TEMP. (F.°) | 550 |
| ELECTRICAL | |
| VOLUME RESISTIVITY | |
| (Ohm/cm) | 1 X 10 ¹⁵ |
| DIELECTRIC STRENGTH | |
| (V/Mil) | |
| DIELECTRIC CONSTANT | |
| At 60 HZ | |
| At 1 MHZ | |
| DISSIPATION FACTOR | |
| At 60 HZ | |
| At 1 MHZ | |
| ARC RESISTANCE (seconds) | 180 - 240 |

