## Property | Test Condition | Nominal Values (English) | Test Method
---|---|---|---
**Physical**
Density – Specific Gravity | sp gr 23/23°C | 1.61 | ASTM 792
Melt Flow Rate | 250°C/5.0 kg | 28 g/10 min | ASTM 955
Mold Shrink, Linear-Flow (0.118in) | in/in | 0.0020 to 0.0040 | ASTM 955
Water Absorption @ 24 hours | % | 0.10 | ASTM D570
**Mechanical**
Tensile Strength | | 21,300 psi | ASTM D638
Tensile Elongation @ Break | % | 6.0 | ASTM D638
Flexural Modulus | | 1,208,100 psi | ASTM D790
Flexural Strength | | 32,000 psi | ASTM D790
**Impact**
Notched Izod Impact (0.500in) | ft-lb/in | 1.47 | ASTM D256
Notched Izod Impact (0.125in) | ft-lb/in | 1.65 | ASTM D256
**Hardness**
Rockwell Hardness | R-Scale | 114 | ASTM D785
**Thermal**
DTUL @ 264 psi - Unannealed | | 428 °F | ASTM D648
DTUL @ 66 psi - Unannealed | | 473 °F | ASTM D648
Melting Point | | 482 to 500 °F | ASTM D648
CLTE, Flow | in/in/°F | 1.7E-005 | ASTM D696
**Electrical**
Volume Resistivity | | 1.0E+016 ohm-cm | ASTM D257
Dielectric Strength | V/mil | 508 | ASTM D149
Dielectric Constant | 1000000 Hz | 3.800 | ASTM D150
Dissipation Factor | 1000000 Hz | 0.017 | ASTM D150
Arc Resistance | sec | 80 | ASTM D495
**Ignition Characteristics**
Flame Rating – UL (0.0313in) | | V-0 | UL94
Flame Rating – UL (0.0600in) | | V-0 | UL94
Flame Rating – UL (0.120in) | | V-0 | UL94

30% GLASS REINFORCED/FLAME RETARDANT
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Remark: The values presented on the above are typical laboratory averages. All data generated is based on natural material.

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