

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Modulus | 2041 | MPa | ASTM D 638 |
| Tensile Strength | 41.4 | MPa | ASTM D 638 |
| Elongation at Break | 5.9 | % | ASTM D 638 |
| Flexural Modulus | 1772 | MPa | ASTM D 790 |
| Flexural Strength | 61.6 | MPa | ASTM D 790 |
| Shore D Hardness | 76 | - | ASTM D 2240 |
| Izod Impact notched, 1/8 in | 24.6 | J/m | ASTM D 256 |
| Izod Impact unnotched, 1/8 in | 235 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------------------|-------|----------|-----------------|
| ISO Data | | | |
| Burning behav. at 1.5 mm nom. thickn. | HB | class | IEC 60695-11-10 |
| Thickness tested | 1.5 | mm | - |
| Yellow Card available | yes | - | - |
| ASTM Data | | | |
| UL 94 Flame rating | V-2 | - | UL 94 |
| Thickness tested | 5.08 | mm | - |
| DTUL @ 66 psi | 180 | °C | ASTM D 648 |
| DTUL @ 264 psi | 93.9 | °C | ASTM D 648 |
| Other Standards^{S1} | | | |
| Coefficient of Thermal Expansion, MD | 140 | E-6/K | ASTM E 831 |
| Specific Heat | 878 | J/(kg K) | ASTM E 1269 |

S: These properties are reported by the producer according standards that are different to our defaults.

| Electrical properties | Value | Unit | Test Standard |
|---------------------------------|---------|--------|---------------|
| ASTM Data | | | |
| Dielectric Strength, Short Time | 22.6 | kV/mm | ASTM D 149 |
| Surface Resistivity | 2.56E13 | Ohm | ASTM D 257 |
| Volume Resistivity | 5.97E14 | Ohm*cm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|-------------------------------|-------|-------------------|---------------|
| Water Absorption, Equilibrium | 0.29 | % | ASTM D 570 |
| Density | 1020 | kg/m ³ | ASTM D 792 |

Characteristics

Processing

Additive Manufacturing

Delivery form

Powder, White

Special Characteristics

Flame retardant, Halogen-free

Features

Low Smoke

Applications

Aircraft and Aerospace, Automotive, Electrical and Electrical

Regional Availability

North America, Europe, Asia Pacific