

CELSTRAN® TPU-GF30-01 AF3001 Natural

The Celstran® long glass fiber reinforced TPU materials provide very low moisture absorption, good creep resistance, excellent chemical resistance and extreme toughness.

Typical mechanical properties

Tensile Modulus	1.25E6 psi	ISO 527-1/-2
Stress at break, 5mm/min	27600 psi	ISO 527-1/-2
Strain at break, 5mm/min	2.75 %	ISO 527-1/-2
Flexural Modulus	1.12E6 psi	ISO 178
Flexural Strength	40600 psi	ISO 178
Charpy notched impact strength, 23°C	18.6 ftlb/in ²	ISO 179/1eA

Other properties

Density	12 lb/gal	ISO 1183
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