

CELSTRAN® TPU-GF50-01 AF3001 Natural

50% long strand fiber glass reinforced thermoplastic polyurethane

Typical mechanical properties

Tensile Modulus	2.1E6 psi	ISO 527-1/-2
Stress at break, 5mm/min	34800 psi	ISO 527-1/-2
Strain at break, 5mm/min	2.2 %	ISO 527-1/-2
Flexural Modulus	1.99E6 psi	ISO 178
Flexural Strength	55800 psi	ISO 178
Charpy notched impact strength, 23°C	28.5 ftlb/in ²	ISO 179/1eA

Other properties

Density	14 lb/gal	ISO 1183
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