

# CELSTRAN® TPU-GF60-01 AF3001 NATURAL

## CELSTRAN® Long Fibre

60% long strand fiber glass reinforced thermoplastic polyurethane

### Product information

Resin Identification	TPU-LGF60	ISO 1043
Part Marking Code	>TPU-LGF60<	ISO 11469

### Typical mechanical properties

Tensile modulus	18100 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	255 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	1.9 %	ISO 527-1/-2
Flexural modulus	17800 MPa	ISO 178
Flexural strength	440 MPa	ISO 178
Charpy notched impact strength, 23°C	72 kJ/m <sup>2</sup>	ISO 179/1eA
Poisson's ratio	0.33 <sup>[C]</sup>	

[C]: Calculated

### Physical/Other properties

Density	1760 kg/m <sup>3</sup>	ISO 1183
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### Characteristics

Processing	Injection Moulding
Delivery form	Pellets
Special characteristics	Low Warpage