



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	. –	kJ/m²	ISO 179/1eA
Poisson's ratio	0.33 ^[C]		

[C]: Calculated

Physical/Other properties

Density 1760 kg/m³ ISO 1183

Characteristics

Processing Injection Moulding

Delivery form Pellets

Special characteristics Low Warpage

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