

CELSTRAN® PA6-GF40-01 AF3001 NATURAL

CELSTRAN® Long Fibre

Product information

Resin Identification	PA6-LGF40	ISO 1043
Part Marking Code	>PA6-LGF40<	ISO 11469

Typical mechanical properties

Tensile modulus	13000 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	230 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	2.4 %	ISO 527-1/-2
Flexural modulus	11300 MPa	ISO 178
Flexural strength	370 MPa	ISO 178
Izod notched impact strength, 23°C	36 kJ/m ²	ISO 180/1A
Poisson's ratio	0.33 ^[C]	

[C]: Calculated

Physical/Other properties

Density	1450 kg/m ³	ISO 1183
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Characteristics

Processing	Injection Moulding
Delivery form	Pellets