

CELSTRAN® PA6-GF40-01 AF3001 Natural

Typical mechanical properties

Tensile Modulus	13000 MPa	ISO 527-1/-2
Stress at break, 5mm/min	230 MPa	ISO 527-1/-2
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

Other properties

Density	1450 kg/m ³	ISO 1183
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Injection

Drying Temperature	70 - 80 °C
Drying Time, Dehumidified Dryer	2 - 4 h
Processing Moisture Content	0.18 %
Max. mould temperature	80 - 100 °C

