

CELSTRAN® PA66-GF50-28 AD3020

Typical mechanical properties

Tensile Modulus	16100 MPa	ISO 527-1/-2
Stress at break, 5mm/min	235 MPa	ISO 527-1/-2
Strain at break, 5mm/min	1.8 %	ISO 527-1/-2
Flexural Modulus	14300 MPa	ISO 178
Flexural Strength	375 MPa	ISO 178
Charpy notched impact strength, 23°C	37 kJ/m ²	ISO 179/1eA

Other properties

Density	1560 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	0.15 %
Screw tangential speed	0.1 m/s
Max. mould temperature	80 - 100 °C
Back pressure	3 MPa

