

CELANYL® B2 W GF43 NC 1102/1

Typical mechanical properties

Tensile Modulus	13500 MPa	ISO 527-1/-2
Stress at break, 5mm/min	215 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.1 %	ISO 527-1/-2
Flexural Modulus	12600 MPa	ISO 178
Flexural Strength	320 MPa	ISO 178
Charpy impact strength, 23°C	18 kJ/m ²	ISO 179/1eU

Thermal properties

Temp. of deflection under load, 1.8 MPa	213 °C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	218 °C	ISO 75-1/-2

Other properties

Density	1470 kg/m ³	ISO 1183
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Injection

Drying Temperature	80 - 90 °C
Drying Time, Dehumidified Dryer	4 - 8 h
Processing Moisture Content	0.15 %
Max. mould temperature	60 - 80 °C

