

CELANYL® A3 W J20 NC 1102/1A

Typical mechanical properties

Tensile Modulus	1900 MPa	ISO 527-1/-2
Yield stress, 50mm/min	50 MPa	ISO 527-1/-2
Strain at break, 50mm/min	>35 %	ISO 527-1/-2
Flexural Modulus	1800 MPa	ISO 178
Flexural Strength	65 MPa	ISO 178
Charpy notched impact strength, 23°C	80 kJ/m ²	ISO 179/1eA

Other properties

Density	1080 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

