



CELANYL® A2 W GF20 NC 1102/1 CELANYL®

Product information

Resin Identification Part Marking Code	PA66-GF20 >PA66-GF20<		ISO 1043 ISO 11469
Rheological properties	dry/cond.		
Moulding shrinkage, parallel	0.5/-	%	ISO 294-4, 2577
Moulding shrinkage, normal	0.9/-	%	ISO 294-4, 2577
Typical mechanical properties	dry/cond.		
Izod notched impact strength, 23°C	9.6/-	kJ/m²	ISO 180/1A
Thermal properties	dry/cond.		
Temperature of deflection under load, 1.8 MPa	243/*	°C	ISO 75-1/-2

Physical/Other properties

Density 1280/- kg/m³ ISO 1183

dry/cond.

Injection

Drying Recommended	yes
Drying Temperature	80 °C
Drying Time, Dehumidified Dryer	2-4 h
Processing Moisture Content	≤0.15 %
Melt Temperature Optimum	295 °C
Min. melt temperature	285 °C
Max. melt temperature	305 °C
Screw tangential speed	≤0.2 m/s
Mold Temperature Optimum	100 °C
Min. mould temperature	70 °C
Max. mould temperature	120 °C

Characteristics

Processing Injection Moulding

Special characteristics Heat stabilised or stable to heat

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