

CELANYL® A2 W GF20 NC 1102/1

CELANYL®

Product information

Resin Identification	PA66-GF20	ISO 1043
Part Marking Code	>PA66-GF20<	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/m ²	ISO 180/1A

Thermal properties

	dry/cond.		
Temperature of deflection under load, 1.8 MPa	243 / *	°C	ISO 75-1/-2

Physical/Other properties

	dry/cond.		
Density	1280 / -	kg/m ³	ISO 1183

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