

# CELANYL® A2 W GF33 NC 1102/1B

## CELANYL®

### Product information

Resin Identification	PA66-GF33	ISO 1043
Part Marking Code	>PA66-GF33<	ISO 11469

### Typical mechanical properties

	dry/cond.		
Izod notched impact strength, 23°C	11 / -	kJ/m <sup>2</sup>	ISO 180/1A
Hardness, Rockwell, M-scale	100 / -		ISO 2039-2

### Thermal properties

	dry/cond.		
Temperature of deflection under load, 1.8 MPa	249 / *	°C	ISO 75-1/-2
Temperature of deflection under load, 0.45 MPa	260 / *	°C	ISO 75-1/-2

### Physical/Other properties

	dry/cond.		
Density	1390 / -	kg/m <sup>3</sup>	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, Hydrolysis resistant