

# CELANYL® B2 W GF43 NC 1102/1B

## CELANYL®

### Product information

Resin Identification	PA6-GF43	ISO 1043
Part Marking Code	>PA6-GF43<	ISO 11469

### Typical mechanical properties

Izod notched impact strength, 23°C	dry/cond.	13/-	kJ/m <sup>2</sup>	ISO 180/1A
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### Thermal properties

Temperature of deflection under load, 1.8 MPa	dry/cond.	216/*	°C	ISO 75-1/-2
Temperature of deflection under load, 0.45 MPa		218/*	°C	ISO 75-1/-2

### Physical/Other properties

Density	dry/cond.	1490/-	kg/m <sup>3</sup>	ISO 1183
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### Injection

Drying Recommended	yes
Drying Temperature	80 °C
Drying Time, Dehumidified Dryer	2 - 4 h
Processing Moisture Content	≤0.15 %
Melt Temperature Optimum	260 °C
Min. melt temperature	240 °C
Max. melt temperature	290 °C
Screw tangential speed	≤0.2 m/s
Mold Temperature Optimum	80 °C
Min. mould temperature	60 °C
Max. mould temperature	120 °C

### Characteristics

Processing	Injection Moulding
Special characteristics	Heat stabilised or stable to heat, Low wear / Low friction