

CELANYL® A3 H J20 BK 2000/UV/1

CELANYL®

Product information

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

Typical mechanical properties

	dry/cond.		
Charpy notched impact strength, 23°C	80 / -	kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	96 / -	kJ/m ²	ISO 180/1A

Thermal properties

	dry/cond.		
Temperature of deflection under load, 1.8 MPa	71 / *	°C	ISO 75-1/-2
Temperature of deflection under load, 0.45 MPa	216 / *	°C	ISO 75-1/-2

Flammability

	dry/cond.		
Burning Behav. at 1.5mm nom. thickn.	HB / *	class	IEC 60695-11-10
Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	IEC 60695-11-10

Physical/Other properties

	dry/cond.		
Density	1080 / -	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	290 °C
Min. melt temperature	280 °C
Max. melt temperature	300 °C
Screw tangential speed	≤0.3 m/s
Mold Temperature Optimum	80 °C
Min. mould temperature	50 °C
Max. mould temperature	100 °C

Characteristics

Processing	Injection Moulding
Special characteristics	High impact or impact modified, U.V. stabilised or stable to weather, Heat stabilised or stable to heat

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