

# 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 <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, 23°C	96/-	kJ/m <sup>2</sup>	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. thicken.	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 <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	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