CELANYL® A3 W J4 NC 1102/1

CELANYL®

Product information

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

Typical mechanical properties

Izod notched impact strength, 23 °C	6.33	ftlb/in²	ISO 180/1A

Thermal properties

Temperature of deflection under load, 1.8 MPa	165	°F	ISO 75-1/-2
Temperature of deflection under load, 0.45 MPa	415	°F	ISO 75-1/-2

Flammability

Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.1260	in	IEC 60695-11-10

Physical/Other properties

Density	0.039	lb/in³	ISO 1183

Injection

Drying Recommended	yes	
Drying Temperature	176	°F
Drying Time, Dehumidified Dryer	2 - 4	h
Processing Moisture Content	≤0.15	%
Melt Temperature Optimum	554	°F
Min. melt temperature	536	°F
Max. melt temperature	572	°F
Max. screw tangential speed	≤0.3	m/s
Mold Temperature Optimum	176	°F
Min. mold temperature	122	°F
Max. mold temperature	212	°F

Characteristics

Processing	Injection Molding
Special characteristics	Heat stabilized or stable to heat, Low wear / Low friction

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