LNP™ THERMOCOMP™ COMPOUND IB008

IB1008

DESCRIPTION

LNP THERMOCOMP IB008 is a compound based on Nylon 6/12 resin containing Glass Bead.

TYPICAL PROPERTY VALUES

Revision 20191213

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break, 5 mm/min	74	MPa	ISO 527
Tensile Strain, break, 5 mm/min	3.6	%	ISO 527
Flexural Stress, break, 2 mm/min	103	MPa	ISO 178
Flexural Modulus, 2 mm/min	3900	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	15	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	4	kJ/m²	ISO 180/1A
THERMAL			
CTE, 23°C to 60°C, flow	8.3E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	7.9E-05	1/°C	ISO 11359-2
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	87	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow	1.4 – 1.8	%	SABIC method
Density	1.36	g/cm³	ISO 1183

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