



LNP™ THERMOCOMP™ Compound IB008

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ THERMOCOMP™ Compound IB1008

Product reorder name: IB008

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

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
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/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	4	kJ/m ²	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 (2) (5)	1.4 - 1.8	%	SABIC Method
Density	1.36	g/cm ³	ISO 1183