LNP™ THERMOCOMP™ COMPOUND DB008ERP

DB-1008 EM MR
REGION ASIA

DESCRIPTION

LNP THERMOCOMP DB008ERP is a compound based on Polycarbonate resin containing 40% Glass Bead. Added features of this material include: Easy Molding, Mold Release.

TYPICAL PROPERTY VALUES

Revision 20190717

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	42	MPa	ASTM D 638
Tensile Strain, break	3.2	%	ASTM D 638
Tensile Modulus, 50 mm/min	3960	MPa	ASTM D 638
Flexural Stress	75	MPa	ASTM D 790
Flexural Modulus	3840	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	400	J/m	ASTM D 4812
Izod Impact, notched, 23°C	42	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	132	°C	ASTM D 648
PHYSICAL			
Density	1.33	g/cm³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.7	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs	0.7	%	ASTM D 955
Mold Shrinkage, flow, 24 hrs	0.67	%	ISO 294
Mold Shrinkage, xflow, 24 hrs	0.73	%	ISO 294

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