LNP™ THERMOCOMP™ COMPOUND AB002

AB-1002
REGION ASIA

DESCRIPTION

LNP THERMOCOMP AB002 is a compound based on ABS resin containing 10% Glass Bead.

TYPICAL PROPERTY VALUES

Revision 20181101

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	34	MPa	ASTM D 638
Tensile Strain, break	3.1	%	ASTM D 638
Tensile Modulus, 50 mm/min	2650	MPa	ASTM D 638
IMPACT			
Izod Impact, unnotched, 23°C	600	J/m	ASTM D 4812
Izod Impact, notched, 23°C	120	J/m	ASTM D 256
PHYSICAL			
Density	1.12	g/cm³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.7	%	ASTM D 955
INJECTION MOLDING			
Drying Temperature	80	°C	
Drying Time	4	hrs	
Maximum Moisture Content	0.05 – 0.1	%	
Melt Temperature	260	°C	
Front - Zone 3 Temperature	265 – 275	°C	
Middle - Zone 2 Temperature	230 – 245	°C	
Rear - Zone 1 Temperature	205 – 215	°C	
Mold Temperature	70 – 80	°C	
Back Pressure	0.2 – 0.3	MPa	
Screw Speed	30 – 60	rpm	

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