LNP™ THERMOCOMP™ COMPOUND NF001

PCA-F-1001
REGION ASIA

DESCRIPTION

LNP THERMOCOMP* NF001 is a compound based on PC+ABS resin containing 5% Glass Fiber.

TYPICAL PROPERTY VALUES

Revision 20181220

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	62	MPa	ASTM D 638
Tensile Strain, break	3.4	%	ASTM D 638
Tensile Modulus, 50 mm/min	3550	MPa	ASTM D 638
Flexural Stress	103	MPa	ASTM D 790
Flexural modulus	3650	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	595	J/m	ASTM D 4812
Izod Impact, notched, 23°C	150	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	123	°C	ASTM D 648
PHYSICAL			
Density	1.18	g/cm³	ASTM D 792
INJECTION MOLDING			
Drying Temperature	80	°C	
Drying Time	4	hrs	
Maximum Moisture Content	0.02	%	
Melt Temperature	250 – 270	°C	
Front - Zone 3 Temperature	260 – 270	°C	
Middle - Zone 2 Temperature	250 – 260	°C	
Rear - Zone 1 Temperature	230 – 245	°C	
Mold Temperature	40 – 80	°C	
Back Pressure	0.2 – 0.3	MPa	
Screw Speed	30 – 60	rpm	

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