

LNP* Thermocomp* Compound NF002

Asia Pacific: COMMERCIAL

Also known as: LNP* Thermocomp* Compound PCA-F-1002

Product reorder name: NF002

LNP THERMOCOMP* NF002 is a compound based on PC+ABS Blend resin.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	660	kgf/cm ²	ASTM D 638
Tensile Strain, break	2.8	%	ASTM D 638
Tensile Modulus, 50 mm/min	42200	kgf/cm ²	ASTM D 638
Flexural Stress	1050	kgf/cm ²	ASTM D 790
Flexural Modulus	39700	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	10	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	160	°C	ASTM D 648
PHYSICAL			
Density	1.22	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.4	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs	0.5	%	ASTM D 955

1) Typical values only. Variations within normal tolerances are possible for various colours. All values are measured at least after 48 hours storage at 23°C/50% relative humidity.
All properties, except the melt volume rate are measured on injection moulded samples.
All samples are prepared according to ISO 294.

2) Only typical data for material selection purpose. Not to be used for part or tool design.
3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.
4) Own measurement according to UL.

