

**Product Texts**

LNP THERMOCOMP NF001 compound is based on Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS) blend containing 5% glass fiber.

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	3550	MPa	ASTM D 638
Tensile Strength at Break	62	MPa	ASTM D 638
Elongation at Break	3.4	%	ASTM D 638
Flexural Modulus	3650	MPa	ASTM D 790
Flexural Strength	103	MPa	ASTM D 790
Izod Impact notched, 1/8 in	150	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	595	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	123	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1180	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	250 - 270	°C	-
Mold temperature	40 - 80	°C	-
Zone 1	230 - 245	°C	-
Zone 2	250 - 260	°C	-
Zone 3	260 - 270	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Asia Pacific