

**Product Texts**

LNP THERMOCOMP AB002 compound is based on Acrylonitrile Butadiene Styrene (ABS) resin containing 10% glass bead.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.7	mm/mm	ASTM D 955

**Mechanical properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	2650	MPa	ASTM D 638
Tensile Strength at Break	34	MPa	ASTM D 638
Elongation at Break	3.1	%	ASTM D 638
Izod Impact notched, 1/8 in	120	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	600	J/m	ASTM D 256

**Other properties**

	Value	Unit	Test Standard
Density	1120	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	≤0.1	%	-
Melt temperature	260	°C	-
Mold temperature	70 - 80	°C	-
Zone 1	205 - 215	°C	-
Zone 2	230 - 245	°C	-
Zone 3	265 - 275	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Asia Pacific