

**Product Texts**

LNP THERMOCOMP WX88406 compound is based on Polybutylene Terephthalate (PBT) resin containing 25 % glass fiber.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.2	mm/mm	ASTM D 955

**Mechanical properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	7920	MPa	ASTM D 638
Tensile Strength at Break	103	MPa	ASTM D 638
Elongation at Break	2.9	%	ASTM D 638
Flexural Modulus	7060	MPa	ASTM D 790
Flexural Strength	165	MPa	ASTM D 790
Izod Impact notched, 1/8 in	69	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	681	J/m	ASTM D 256

**Thermal properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	202	°C	ASTM D 648

**Other properties**

	Value	Unit	Test Standard
Density	1490	kg/m <sup>3</sup>	ASTM D 792

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.05	%	-
Melt temperature	240 - 265	°C	-
Mold temperature	80 - 100	°C	-
Zone 1	220 - 230	°C	-
Zone 2	245 - 255	°C	-
Zone 3	260 - 270	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific