

Product Texts

LNP THERMOCOMP WX96784 compound is based on Polybutylene Terephthalate (PBT) resin containing 25% mineral. Added features of this grade include: Improved CTI, Flame Retardant, Impact Modified.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	52	MPa	ASTM D 638
Elongation at Break	12.5	%	ASTM D 638
Flexural Modulus	3103	MPa	ASTM D 790
Izod Impact notched, 1/8 in	118	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	77	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1500	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	248 - 276	°C	-
Mold temperature	80 - 93	°C	-
Screw speed	40 - 80	rpm	-
Back pressure	0.334	MPa	-

Characteristics**Processing**

Injection Molding

Additives

Flame retarding agent

Special Characteristics

Flame retardant, High impact or impact modified

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific