

Product Texts

LNP THERMOCOMP WF0069 compound is based on Polybutylene Terephthalate (PBT) resin containing 30% glass fiber. Added features of this grade include: Flame Retardant.

UL Yellow Card Link [E121562-101358191](https://www.ul.com/yellowcard/E121562-101358191)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.45	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	121	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	9650	MPa	ASTM D 790
Izod Impact notched, 1/8 in	64	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	370	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.7	mm	-
ASTM Data			
DTUL @ 264 psi	204	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1680	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110 - 120	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	245 - 260	°C	-
Mold temperature	40 - 100	°C	-
Feed temperature	40 - 60	°C	-
Zone 1	230 - 240	°C	-
Zone 2	235 - 250	°C	-
Zone 3	240 - 260	°C	-

Characteristics**Processing**

Injection Molding

Additives

Flame retarding agent

Special Characteristics

Flame retardant

Regional Availability

North America, Europe, Asia Pacific