

Product Texts

LNP THERMOCOMP WF004 compound is based on Polybutylene Terephthalate (PBT) resin containing 20% glass fiber.

UL Yellow Card Link [E45329-101284436](https://www.ulprospector.com/usa/Products/101284436)

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6600	MPa	ISO 527
Yield stress	109	MPa	ISO 527
Yield strain	3.3	%	ISO 527
Flexural modulus	6000	MPa	ISO 178
Izod impact strength, +23°C, 4mm	45	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	8	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	192	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	219	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	34	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	113	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1450	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Applications

Automotive