

# LNP<sup>TM</sup> THERMOCOMP<sup>TM</sup> COMPOUND WF008

WF-1008  
REGION ASIA

## DESCRIPTION

LNP THERMOCOMP WF008 is a compound based on PBT resin containing 40% Glass Fiber.

## TYPICAL PROPERTY VALUES

Revision 20190409

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>MECHANICAL</b>			
Tensile Stress, break	128	MPa	ASTM D 638
Tensile Strain, break	2.4	%	ASTM D 638
Tensile Modulus, 50 mm/min	12540	MPa	ASTM D 638
Flexural Stress	199	MPa	ASTM D 790
Flexural modulus	11510	MPa	ASTM D 790
<b>IMPACT</b>			
Izod Impact, unnotched, 23°C	747	J/m	ASTM D 4812
Izod Impact, notched, 23°C	95	J/m	ASTM D 256
<b>THERMAL</b>			
HDT, 1.82 MPa, 3.2mm, unannealed	211	°C	ASTM D 648
Relative Temp Index, Elec <sup>(1)</sup>	75	°C	UL 746B
Relative Temp Index, Mech w/impact <sup>(1)</sup>	75	°C	UL 746B
Relative Temp Index, Mech w/o impact <sup>(1)</sup>	75	°C	UL 746B
<b>PHYSICAL</b>			
Density	1.64	g/cm <sup>3</sup>	ASTM D 792
<b>FLAME CHARACTERISTICS <sup>(1)</sup></b>			
UL Yellow Card Link	<a href="#">E207780-103093689</a>	-	-
UL Recognized, 94HB Flame Class Rating	≥1.5	mm	UL 94

(1) UL Ratings shown on the technical datasheet might not cover the full range of thicknesses and colors. For details, please see the UL Yellow Card.

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