

**Product Texts**

LNP THERMOCOMP UF0067V compound is based on Polyphthalamide (PPA) resin containing 30% glass fiber and available in black color only. Added features of this grade include: Improved Plating Surface and Mechanical Performance suitable for Laser Direct Structuring (LDS) applications, High Heat Resistance, SMT Process capable, Non-Brominated, Non-Chlorinated Flame Retardant.

UL Yellow Card Link [F207780-103351790](https://www.ul.com/yellow-card-link/F207780-103351790)

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>9500</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>104</b>	MPa	ASTM D 638
Elongation at Break	<b>1.6</b>	%	ASTM D 638
Flexural Modulus	<b>8500</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>34</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>300</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>0.4</b>	mm	-
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>276</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>255</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1450</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>120</b>	°C	-
Pre-drying - Time	<b>4 - 7</b>	h	-
Melt temperature	<b>290 - 330</b>	°C	-
Mold temperature	<b>120 - 150</b>	°C	-
Zone 1	<b>260 - 280</b>	°C	-
Zone 2	<b>280 - 300</b>	°C	-
Zone 3	<b>300 - 320</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Applications**

Automotive

**Additives**

Flame retarding agent

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

Flame retardant