

**Product Texts**

LNP THERMOCOMP DF008ER compound is based on Polycarbonate (PC) resin containing 40% glass fiber. Added features of this grade include: Easy Molding, Mold Release.

UL Yellow Card Link [E45329-101344593](https://www.ul.com/yellow-card/E45329-101344593)

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>10800</b>	MPa	ISO 527
Stress at break	<b>158</b>	MPa	ISO 527
Strain at break	<b>2.3</b>	%	ISO 527
Flexural modulus	<b>9500</b>	MPa	ISO 178
Izod impact strength, +23°C, 4mm	<b>60</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	<b>14</b>	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>139</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>145</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>16</b>	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	<b>60</b>	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>V-2</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5</b>	mm	-
Burning behav. at thickness h	<b>V-1</b>	class	IEC 60695-11-10
Thickness tested	<b>3.0</b>	mm	-

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1510</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe