

Product Texts

LNP THERMOCOMP RF00C compound is based on Nylon 6/6 resin containing 60% glass fiber.

UL Yellow Card Link [E45329-101338759](https://www.ul.com/yellowcard/E45329-101338759)

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	19600	MPa	ISO 527
Stress at break	242	MPa	ISO 527
Strain at break	2.3	%	ISO 527
Flexural modulus	17200	MPa	ISO 178
Izod impact strength, +23°C, 4mm	76	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	16	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	254	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	19	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	59	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	1690	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Regional Availability

Europe