

Product Texts

LNP THERMOCOMP JF002 compound is based on Polyethersulfone (PES) resin containing 10% glass fiber.

UL Yellow Card Link [E45329-101282591](https://www.ulprospector.com/usa/Products/101282591)

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4500	MPa	ISO 527
Stress at break	104	MPa	ISO 527
Strain at break	4.2	%	ISO 527
Flexural modulus	4080	MPa	ISO 178
Izod impact strength, +23°C, 4mm	52	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	10	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Coeff. of linear therm. expansion, parallel	38	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	60	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.5	mm	-

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

Characteristics**Processing**

Injection Molding

Regional Availability

Europe