

Product Texts

LNP THERMOCOMP EF004XXP compound is based on Polyetherimide (PEI) resin containing 20% glass fiber. Added features of this grade include: High Modulus, High Strength, Good Dimension Stability and Good Warpage Control.

UL Yellow Card Link [E207780-103690242](https://www.ul.com/yellow-card/E207780-103690242)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9.5	g/10min	ASTM D 1238
Temperature	337	°C	-
Load	6.7	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	7040	MPa	ASTM D 638
Tensile Strength at Yield	150	MPa	ASTM D 638
Elongation at Break	3.5	%	ASTM D 638
Flexural Modulus	7030	MPa	ASTM D 790
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.4	mm	-
ASTM Data			
DTUL @ 264 psi	210	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1420	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	360 - 400	°C	-
Mold temperature	140 - 180	°C	-
Zone 1	360 - 380	°C	-
Zone 2	370 - 390	°C	-
Zone 3	380 - 400	°C	-
Back pressure	0.3 - 0.7	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific