

LNP™ THERMOCOMP™ Compound EF004

PEI-GF20

Saudi Basic Industries Corporation (SABIC)

Product Texts

LNP THERMOCOMP EF004 compound is based on Polyetherimide (PEI) resin containing 20% glass fiber.

UL Yellow Card Link [E121562-101357467](https://www.ul.com/yellowcard/E121562-101357467)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.4	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.7	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	7180	MPa	ASTM D 638
Tensile Strength at Break	150	MPa	ASTM D 638
Elongation at Break	3.4	%	ASTM D 638
Flexural Modulus	7570	MPa	ASTM D 790
Flexural Strength	240	MPa	ASTM D 790
Izod Impact notched, 1/8 in	74	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	694	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	207	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.19	%	ASTM D 570
Density	1430	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Applications

Automotive