

Product Texts

LNP THERMOCOMP OF008E compound is based on linear Polyphenylene Sulfide (PPS) resin containing 40% glass fiber. Added features of this grade include: Easy Molding.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.2	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.8	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	160	MPa	ISO 527
Strain at break	1.2	%	ISO 527
Flexural modulus	13400	MPa	ISO 178
Flexural strength	190	MPa	ISO 178
Izod impact strength, +23°C, 4mm	21	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	6	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Break	178	MPa	ASTM D 638
Elongation at Break	1.7	%	ASTM D 638
Flexural Modulus	14260	MPa	ASTM D 790
Flexural Strength	248	MPa	ASTM D 790
Izod Impact notched, 1/8 in	101	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	587	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	268	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 264 psi	261	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1680	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific