

**Product Texts**

LNP THERMOCOMP OF008G compound is based on linear Polyphenylene Sulfide (PPS) resin containing 15% glass fiber, 25% milled glass.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.35	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.9	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	8840	MPa	ASTM D 638
Tensile Strength at Break	104	MPa	ASTM D 638
Elongation at Break	1.9	%	ASTM D 638
Flexural Modulus	9300	MPa	ASTM D 790
Izod Impact notched, 1/8 in	68	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	395	J/m	ASTM D 256

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120 - 150	°C	-
Pre-drying - Time	4	h	-
Melt temperature	315 - 320	°C	-
Mold temperature	140 - 165	°C	-
Zone 1	305 - 315	°C	-
Zone 2	320 - 330	°C	-
Zone 3	330 - 345	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific