

Product Texts

LNP THERMOCOMP KF004 compound is based on POM (Acetal) copolymer resin containing 20% glass fiber.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	108	MPa	ASTM D 638
Elongation at Break	2.3	%	ASTM D 638
Flexural Modulus	8200	MPa	ASTM D 790
Flexural Strength	186	MPa	ASTM D 790
Izod Impact notched, 1/8 in	64	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	587	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	162	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1560	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	200 - 215	°C	-
Mold temperature	80 - 110	°C	-
Zone 1	175 - 190	°C	-
Zone 2	195 - 205	°C	-
Zone 3	210 - 220	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America