

**Product Texts**

LNP THERMOCOMP KF004A compound is based on POM (Acetal) homopolymer resin containing 20% glass fiber.

**Processing/Physical Characteristics**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.6</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>2</b>	mm/mm	ASTM D 955

**Mechanical properties**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Break	<b>99</b>	MPa	ASTM D 638
Elongation at Break	<b>2.2</b>	%	ASTM D 638
Flexural Modulus	<b>7100</b>	MPa	ASTM D 790
Flexural Strength	<b>144</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>58</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>427</b>	J/m	ASTM D 256

**Other properties**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1560</b>	kg/m <sup>3</sup>	ASTM D 792

**Processing Recommendation Injection Molding**

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

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific