

Product Texts

LNP THERMOCOMP KZ006AXP compound is based on POM (Acetal) homopolymer resin containing 30% milled glass.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.9	mm/mm	ASTM D 955

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	45	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	4150	MPa	ASTM D 790
Izod Impact notched, 1/8 in	38	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	180	J/m	ASTM D 256

Thermal properties

	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	120	°C	ASTM D 648

Other properties

	Value	Unit	Test Standard
Density	1640	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	4	h	-
Melt temperature	200 - 215	°C	-
Mold temperature	85 - 110	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.3 - 0.7	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific