

Product Texts

LNP THERMOCOMP ZF006 compound is based on Polyphenylene Ether / Polystyrene (PPE/PS) blend containing 30% glass fiber.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.3	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	9870	MPa	ASTM D 638
Tensile Strength at Break	108	MPa	ASTM D 638
Elongation at Break	1.6	%	ASTM D 638
Flexural Modulus	8900	MPa	ASTM D 790
Flexural Strength	165	MPa	ASTM D 790
Izod Impact notched, 1/8 in	114	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	480	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	135	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1310	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Melt temperature	300 - 305	°C	-
Mold temperature	80 - 110	°C	-
Zone 1	275 - 290	°C	-
Zone 2	290 - 300	°C	-
Zone 3	300 - 310	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

Characteristics

Processing
Injection Molding

Regional Availability
Asia Pacific