

Product Texts

LNP THERMOCOMP VF008A compound is based on super tough Nylon 66 resin containing 40% glass fiber.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Izod notched impact strength, +23°C, 4mm	187	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Break	158	MPa	ASTM D 638
Elongation at Break	3.5	%	ASTM D 638
Flexural Modulus	8270	MPa	ASTM D 790
Izod Impact unnotched, 1/8 in	1010	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	249	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.6	%	ASTM D 570
Density	1410	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.15	%	-
Melt temperature	280 - 295	°C	-
Mold temperature	95 - 110	°C	-
Zone 1	260 - 270	°C	-
Zone 2	275 - 290	°C	-
Zone 3	295 - 305	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific