

Product Texts

LNP THERMOCOMP QF007 compound is based on Nylon 6/10 resin containing 35% glass fiber.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	176	MPa	ASTM D 638
Flexural Modulus	8900	MPa	ASTM D 790
Flexural Strength	268	MPa	ASTM D 790
Izod Impact notched, 1/8 in	130	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1330	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	≤0.2	%	-
Melt temperature	270 - 275	°C	-
Mold temperature	80 - 95	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 270	°C	-
Zone 3	270 - 280	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific