

**Product Texts**

LNP THERMOTUF V1000SU compound is based on unfilled Super Touch Nylon resin. Added features of this grade include: Impact Modified, Heat Stabilized, UV Stabilized.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	2.2	mm/mm	ASTM D 955
Mold Shrinkage, TD	2.6	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	1710	MPa	ASTM D 638
Tensile Strength at Yield	39	MPa	ASTM D 638
Tensile Strength at Break	39	MPa	ASTM D 638
Elongation at Yield	57.2	%	ASTM D 638
Elongation at Break	84.5	%	ASTM D 638
Flexural Modulus	2060	MPa	ASTM D 790
Flexural Strength	55	MPa	ASTM D 790
Izod Impact notched, 1/8 in	197	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	N	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	192	°C	ASTM D 648
DTUL @ 264 psi	193	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.6	%	ASTM D 570
Density	1070	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

High impact or impact modified