

Product Texts

LNP THERMOTUF V1000 compound is based on unfilled Super Tough Nylon resin. Added features of this grade include: Impact Modified.

UL Yellow Card Link [E207780-101282736](https://www.ulprospector.com/usa/Products/PA66/101282736)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	1.4	mm/mm	ASTM D 955
Mold Shrinkage, TD	1.4	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1930	MPa	ASTM D 638
Tensile Strength at Yield	45	MPa	ASTM D 638
Tensile Strength at Break	50	MPa	ASTM D 638
Elongation at Yield	4.6	%	ASTM D 638
Elongation at Break	60.3	%	ASTM D 638
Flexural Modulus	1930	MPa	ASTM D 790
Flexural Strength	74	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	53	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.8	%	ASTM D 570
Density	1070	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

High impact or impact modified