

LNPTTM THERMOTUFTM COMPOUND IX02582

PDX-I-02582

REGION ASIA

DESCRIPTION

LNP THERMOTUF IX02582 compound is based on Nylon 6/12 resin containing 40% glass fiber. Added features of this grade include: Impact Modified.

GENERAL INFORMATION

Features	High stiffness/Strength, Impact resistant, No PFAS intentionally added
Fillers	Glass Fiber
Polymer Types	Polyamide 612 (Nylon 612)
Processing Techniques	Injection Molding

INDUSTRY

Building and Construction
Consumer
Electrical and Electronics
Industrial

SUB INDUSTRY

Building Component
Sport/Leisure, Home Appliances, Commercial Appliance
Mobile Phone - Computer - Tablets
Electrical, Defense

TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL ⁽¹⁾			
Tensile Stress, break	174	MPa	ASTM D638
Flexural Modulus	10340	MPa	ASTM D790
IMPACT ⁽¹⁾			
Izod Impact, notched, 23°C	208	J/m	ASTM D256
PHYSICAL ⁽¹⁾			
Density	1.41	g/cm ³	ASTM D792
Moisture Absorption, (23°C/50% RH/24 hrs)	0.25	%	ASTM D570

(1) The information stated on Technical Datasheets should be used as indicative only for material selection purposes and not be utilized as specification or used for part or tool design.

ADDITIONAL PRODUCT NOTES

No PFAS intentionally added: The grade listed in this document does not contain PFAS intentionally added during Seller's manufacturing process and is not expected to contain unintentional PFAS impurities. Each user is responsible for evaluating the presence of unintentional PFAS impurities.

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