

LNPTM THERMOCOMPTM COMPOUND MF002AS

MF-1002 HS

REGION ASIA

DESCRIPTION

LNP THERMOCOMP MF002AS compound is based on Polypropylene (PP) resin containing 10% glass fiber. Added features of this grade include: Heat Stabilized.

GENERAL INFORMATION

Features	Heat Stabilized, High stiffness/Strength, No PFAS intentionally added
Fillers	Glass Fiber
Polymer Types	Polypropylene, Unspecified (PP, Unspecified)
Processing Techniques	Injection Molding

INDUSTRY

Consumer
Electrical and Electronics
Industrial
Packaging

SUB INDUSTRY

Sport/Leisure, Personal Accessory
Mobile Phone - Computer - Tablets
Electrical
Industrial Packaging

TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL ⁽¹⁾			
Tensile Stress, break	45	MPa	ASTM D638
Tensile Strain, break	3.7	%	ASTM D638
Tensile Modulus, 50 mm/min	3250	MPa	ASTM D638
Flexural Stress	68	MPa	ASTM D790
Flexural modulus	2840	MPa	ASTM D790
IMPACT ⁽¹⁾			
Izod Impact, unnotched, 23°C	381	J/m	ASTM D4812
Izod Impact, notched, 23°C	37	J/m	ASTM D256
THERMAL ⁽¹⁾			
HDT, 1.82 MPa, 3.2mm, unannealed	128	°C	ASTM D648
PHYSICAL ⁽¹⁾			
Density	0.96	g/cm ³	ASTM D792

(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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CHEMISTRY THAT MATTERS™



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