LNP™ THERMOCOMP™ 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 (Total fluorine >50ppm only from inorganic fluorine)
Polymer Types	Polypropylene, Unspecified (PP, Unspecified)
Processing Techniques	Injection Molding

INDUSTRY	SUB INDUSTRY
Consumer	Sport/Leisure, Personal Accessory
Electrical and Electronics	Mobile Phone - Computer - Tablets
Industrial	Electrical
Packaging	Industrial Packaging

TYPICAL PROPERTY VALUES

Revision 20260204

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/cm³	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.

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