LNP™ THERMOCOMP™ COMPOUND RFB66

RF-100-12 MG
REGION ASIA

DESCRIPTION

LNP THERMOCOMP RFB66 compound is based on Nylon 6/6 resin containing 30% glass fiber, 30% glass bead.

GENERAL INFORMATION	
Features	Low Warpage, High stiffness/Strength
Fillers	Glass Fiber, Glass Bead
Polymer Types	Polyamide 66 (Nylon 66)
Processing Techniques	Injection Molding

INDUSTRY	SUB INDUSTRY
Building and Construction	Building Component, Water Management
Consumer	Sport/Leisure, Personal Accessory, Home Appliances, Commercial Appliance
Electrical and Electronics	Mobile Phone - Computer - Tablets
Industrial	Electrical

TYPICAL PROPERTY VALUES

Revision 20260204

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL (1)			
Tensile Stress, break	151	MPa	ASTM D638
Tensile Strain, break	1.7	%	ASTM D638
Tensile Modulus, 50 mm/min	16540	MPa	ASTM D638
Flexural Stress	248	MPa	ASTM D790
Flexural Modulus	13780	MPa	ASTM D790
IMPACT (1)			
Izod Impact, unnotched, 23°C	667	J/m	ASTM D4812
Izod Impact, notched, 23°C	85	J/m	ASTM D256
THERMAL (1)			
HDT, 1.82 MPa, 3.2mm, unannealed	247	°C	ASTM D648
PHYSICAL (1)			
Density	1.7	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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