LNP™ THERMOCOMP™ COMPOUND QC006

QC-1006
REGION ASIA

DESCRIPTION

LNP THERMOCOMP QC006 compound is based on Nylon 6/10 resin containing 30% carbon fiber. Added features of this grade include: Electrically Conductive.

GENERAL INFORMATION	
Features	Electrically Conductive, Carbon fiber filled, High stiffness/Strength, No PFAS intentionally added
Fillers	Carbon Fiber
Polymer Types	Polyamide 610 (Nylon 610)
Processing Techniques	Injection Molding

INDUSTRY	SUB INDUSTRY
Building and Construction	Building Component
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]			
Flexural Modulus	18610	MPa	ASTM D790
Tensile Stress, break	236	MPa	ASTM D638
Flexural Stress	393	MPa	ASTM D790
IMPACT [1]			
Izod Impact, notched, 23°C	122	J/m	ASTM D256
THERMAL [1]			
HDT, 1.82 MPa, 3.2mm, unannealed	217	°C	ASTM D648
PHYSICAL [1]			
Density	1.24	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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