

LNPTTM THERMOCOMPTM 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

Building and Construction
Consumer
Electrical and Electronics
Industrial

SUB INDUSTRY

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

TYPICAL PROPERTY VALUES

Revision 20231109

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/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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