

LNP™ THERMOTUF™ COMPOUND VC006

VC-1006

REGION ASIA

DESCRIPTION

LNP THERMOTUF VC006 is a compound based on Super Tough Nylon resin containing 30% Carbon Fiber. Added features of this material include: High Impact, Electrically Conductive.

TYPICAL PROPERTY VALUES

Revision 20170816

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	157	MPa	ASTM D 638
Tensile Strain, break	2.4	%	ASTM D 638
Tensile Modulus, 50 mm/min	16370	MPa	ASTM D 638
Flexural Stress	241	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	843	J/m	ASTM D 4812
Izod Impact, notched, 23°C	149	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	247	°C	ASTM D 648
PHYSICAL			
Density	1.22	g/cm ³	ASTM D 792
MECHANICAL PROPERTIES			
Flexural modulus	14550	MPa	ISO 178/1A

DISCLAIMER

The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties.

It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us.

Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.

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