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 20181231

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
Flexural modulus	14550	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	250	°C	ASTM D 648
PHYSICAL			
Density	1.22	g/cm³	ASTM D 792

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