LNP™ THERMOCOMP™ COMPOUND OC006

OC-1006
REGION ASIA

DESCRIPTION

LNP THERMOCOMP OC006 is a compound based on PPS-Linear resin containing 30% Carbon Fiber. Added features of this material include: Electrically Conductive.

TYPICAL PROPERTY VALUES

Revision 20191204

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	186	MPa	ASTM D 638
Tensile Strain, break	1.2	%	ASTM D 638
Tensile Modulus, 50 mm/min	23920	MPa	ASTM D 638
Flexural Stress	282	MPa	ASTM D 790
Flexural Modulus	21160	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	640	J/m	ASTM D 4812
Izod Impact, notched, 23°C	74	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	108	°C	ASTM D 648
Relative Temp Index, Elec [1]	130	°C	UL 746B
Relative Temp Index, Mech w/impact [1]	130	°C	UL 746B
Relative Temp Index, Mech w/o impact [1]	130	°C	UL 746B
PHYSICAL			
Density	1.43	g/cm³	ASTM D 792
FLAME CHARACTERISTICS [1]			
UL Yellow Card Link	E207780-103093470	-	-
UL Recognized, 94V-0 Flame Class Rating	1	mm	UL 94

(1) UL Ratings shown on the technical datasheet might not cover the full range of thicknesses and colors. For details, please see the UL Yellow Card.

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