LNP™ THERMOCOMP™ COMPOUND DC0049XF

DC-1004 FR
REGION ASIA

DESCRIPTION

LNP THERMOCOMP DC0049XF is a compound based on Polycarbonate resin containing 20% Carbon Fiber. Added features of this material include: Electrically Conductive, Flame Retardant.

TYPICAL PROPERTY VALUES

Revision 20190805

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	124	MPa	ASTM D 638
Tensile Strain, break	1.8	%	ASTM D 638
Tensile Modulus, 50 mm/min	12640	MPa	ASTM D 638
Flexural Stress	193	MPa	ASTM D 790
Flexural modulus	11030	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	462	J/m	ASTM D 4812
Izod Impact, notched, 23°C	58	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	140	°C	ASTM D 648
PHYSICAL			
Density	1.3	g/cm³	ASTM D 792

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