LNP™ THERMOCOMP™ COMPOUND DF0049

DF-1004 FR
REGION ASIA

DESCRIPTION

LNP THERMOCOMP* DF0049 is a compound based on Polycarbonate resin containing 20% Glass Fiber. Added features of this material include: Flame Retardant.

TYPICAL PROPERTY VALUES

Revision 20181128

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	103	MPa	ASTM D 638
Tensile Strain, break	2.8	%	ASTM D 638
Tensile Modulus, 50 mm/min	6620	MPa	ASTM D 638
Flexural Stress	172	MPa	ASTM D 790
Flexural Modulus	6590	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	818	J/m	ASTM D 4812
Izod Impact, notched, 23°C	96	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	143	°C	ASTM D 648
CTE, -40°C to 40°C, flow	2.52E-05	1/°C	ASTM E 831

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