LNP™ THERMOCOMP™ COMPOUND PF00C

PF-100-12
REGION ASIA

DESCRIPTION

LNP THERMOCOMP PF00C is a compound based on Nylon 6 resin containing 60% Glass Fiber.

TYPICAL PROPERTY VALUES

Revision 20190607

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	210	MPa	ASTM D 638
Tensile Strain, break	2.4	%	ASTM D 638
Tensile Modulus, 50 mm/min	22380	MPa	ASTM D 638
Flexural Stress	365	MPa	ASTM D 790
Flexural Modulus	19380	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	1229	J/m	ASTM D 4812
Izod Impact, notched, 23°C	170	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	210	°C	ASTM D 648
Relative Temp Index, Elec (1)	65	°C	UL 746B
Relative Temp Index, Mech w/impact (1)	65	°C	UL 746B
Relative Temp Index, Mech w/o impact (1)	65	°C	UL 746B
PHYSICAL			
Density	1.71	g/cm³	ASTM D 792
FLAME CHARACTERISTICS (1)			
UL Yellow Card Link	E207780-103093414	-	-
UL Recognized, 94HB Flame Class Rating	1.5	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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