LNP™ THERMOCOMP™ COMPOUND QF008

QF-1008
REGION ASIA

DESCRIPTION

LNP THERMOCOMP QF008 is a compound based on Nylon 6/10 resin containing 40% Glass Fiber.

TYPICAL PROPERTY VALUES

Revision 20181224

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	171	MPa	ASTM D 638
Tensile Strain, break	3.3	%	ASTM D 638
Tensile Modulus, 50 mm/min	12420	MPa	ASTM D 638
Flexural Stress	255	MPa	ASTM D 790
Flexural Modulus	10790	MPa	ASTM D 790
Tensile Stress, break	183	MPa	ISO 527
Flexural Modulus	10780	MPa	ISO 178
IMPACT			
Izod Impact, unnotched, 23°C	1121	J/m	ASTM D 4812
Izod Impact, notched, 23°C	138	J/m	ASTM D 256
Izod Impact, notched 80*10*4 +23°C	15	kJ/m²	ISO 180/1A
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	219	°C	ASTM D 648
HDT, 1.82 MPa, 3.2mm, unannealed	207	°C	ASTM D 648
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	214	°C	ISO 75/Af
PHYSICAL			
Density	1.41	g/cm³	ASTM D 792
Density	1.42	g/cm³	ISO 1183

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