LNP™ THERMOTUF™ COMPOUND OF008I

OF-1008 HI
REGION EUROPE

DESCRIPTION

LNP THERMOTUF OF008I is a compound based on PPS - Linear resin containing Glass Fiber. Added features of this material include: High Impact.

TYPICAL PROPERTY VALUES

Revision 20190717

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break, 5 mm/min	129	MPa	ISO 527
Tensile Strain, break, 5 mm/min	1.8	%	ISO 527
Tensile Modulus, 1 mm/min	11800	MPa	ISO 527
Flexural Stress, break, 2 mm/min	193	MPa	ISO 178
Flexural Modulus, 2 mm/min	11000	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	50	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	15	kJ/m²	ISO 180/1A
THERMAL			
CTE, 23°C to 60°C, flow	1.3E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	5.4E-05	1/°C	ISO 11359-2
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	275	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	235	°C	ISO 75/Af
PHYSICAL			
Density	1.56	g/cm³	ISO 1183

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