LNP™ THERMOCOMP™ COMPOUND JF006E

JF-1006 EM
REGION EUROPE

DESCRIPTION

LNP THERMOCOMP JF006E is a compound based on Polyethersulfone resin containing 30% Glass Fiber. Added features of this material include: Easy Molding.

TYPICAL PROPERTY VALUES

Revision 20190717

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break, 5 mm/min	127	MPa	ISO 527
Tensile Strain, break, 5 mm/min	1.8	%	ISO 527
Tensile Modulus, 1 mm/min	10100	MPa	ISO 527
Flexural Stress, break, 2 mm/min	178	MPa	ISO 178
Flexural Modulus, 2 mm/min	9100	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	40	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	8	kJ/m²	ISO 180/1A
THERMAL			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	211	°C	ISO 75/Af
Relative Temp Index, Elec (1)	190	°C	UL 746B
Relative Temp Index, Mech w/impact (1)	190	°C	UL 746B
Relative Temp Index, Mech w/o impact (1)	190	°C	UL 746B
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow	0.2 – 0.4	%	SABIC method
Density	1.62	g/cm³	ISO 1183
FLAME CHARACTERISTICS (1)			
UL Yellow Card Link	E45329-101283860	-	-
UL Recognized, 94V-0 Flame Class Rating	0.5	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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