+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

LNP™ THERMOCOMP™ Compound EF006H

Americas: COMMERCIAL

Also known as: LNP™ THERMOCOMP™ Compound EF-1006 EES
Product reorder name: EF006H

LNP THERMOCOMP EF006H is a compound based on Polyetherimide resin containing 30% Glass Fiber. Added features include: Healthcare.

TYPICAL PROPERTIES[1]	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1700	kgf/cm²	ASTM D 638
Tensile Strain, break	2.3	%	ASTM D 638
Tensile Modulus, 50 mm/min	105400	kgf/cm²	ASTM D 638
Flexural Stress	2670	kgf/cm²	ASTM D 790
Flexural Modulus	105400	kgf/cm²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	65	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	8	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	204	°C	ASTM D 648
PHYSICAL			
Density	1.52	g/cm³	ASTM D 792

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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	120 - 150	°C
Drying Time	4 - 6	hrs
Maximum Moisture Content	0.02	%
Melt Temperature	360 - 365	°C
Front - Zone 3 Temperature	365 - 375	°C
Middle - Zone 2 Temperature	355 - 365	°C
Rear - Zone 1 Temperature	345 - 355	°C
Mold Temperature	120 - 150	°C
Back Pressure	0.3 - 0.7	MPa
Screw Speed	60 - 100	rpm