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

LNP™ THERMOCOMP™ Compound MFB71L

Americas: COMMERCIAL

Also known as: LNP™ THERMOCOMP™ Compound MF-1008 LE MG
Product reorder name: MFB71L

LNP THERMOCOMP MFB71L is a compound based on Polypropylene resin containing 35% Glass Bead, 5% Glass Fiber. Added features of this material include: Low Extractible.

TYPICAL PROPERTIES[1]	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	230	kgf/cm²	ASTM D 638
Tensile Strain, break	3.3	%	ASTM D 638
Tensile Modulus, 50 mm/min	30500	kgf/cm²	ASTM D 638
Flexural Stress	420	kgf/cm²	ASTM D 790
Flexural Modulus	30100	kgf/cm²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	22	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	2	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	84	°C	ASTM D 648
PHYSICAL			
Density	1.22	g/cm³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.7	%	ASTM D 955

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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Melt Temperature	225 - 250	°C
Front - Zone 3 Temperature	240 - 250	°C
Middle - Zone 2 Temperature	215 - 225	°C
Rear - Zone 1 Temperature	195 - 205	°C
Mold Temperature	30 - 50	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm