



LNP™ THERMOCOMP™ Compound DX06413H

Americas: COMMERCIAL

Also known as: LNP™ THERMOCOMP™ Compound DF-1008 EM MR BE
Product reorder name: DX06413H

LNP THERMOCOMP DX06413H is a compound based on Polycarbonate resin containing 40% Glass Fiber. Added features of this material include: Easy Molding, Mold Release.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	860	kgf/cm ²	ASTM D 638
Tensile Strain, break	1.1	%	ASTM D 638
Tensile Modulus, 50 mm/min	107500	kgf/cm ²	ASTM D 638
Flexural Stress	1190	kgf/cm ²	ASTM D 790
Flexural Modulus	112400	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	38	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	5	cm-kgf/cm	ASTM D 256



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	120	°C
Drying Time	4	hrs
Maximum Moisture Content	0.02	%
Melt Temperature	305 - 325	°C
Front - Zone 3 Temperature	320 - 330	°C
Middle - Zone 2 Temperature	310 - 320	°C
Rear - Zone 1 Temperature	295 - 305	°C
Mold Temperature	80 - 110	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm