



LNP™ THERMOCOMP™ Compound KF004A

Americas: COMMERCIAL

Also known as: LNP™ THERMOCOMP™ Compound KF-1004 D

Product reorder name: KF004A

LNP THERMOCOMP™ KF004A is a compound based on Acetal Homopolymer resin containing 20% Glass Fiber.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1010	kgf/cm ²	ASTM D 638
Tensile Strain, break	2.2	%	ASTM D 638
Flexural Stress	1460	kgf/cm ²	ASTM D 790
Flexural Modulus	72400	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	43	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	5	cm-kgf/cm	ASTM D 256
PHYSICAL			
Density	1.56	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.6	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs (5)	2	%	ASTM D 955



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Melt Temperature	200 - 215	°C
Front - Zone 3 Temperature	210 - 220	°C
Middle - Zone 2 Temperature	195 - 205	°C
Rear - Zone 1 Temperature	175 - 190	°C
Mold Temperature	80 - 110	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm