



LNP™ LUBRICOMP™ Compound DFL36E

Americas: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound DFL-4036 EM

Product reorder name: DFL36E

LNP™ LUBRICOMP™ DFL36E is a compound based on Polycarbonate resin containing 30% Glass Fiber, 15% PTFE. Added features of this material include: Easy Molding, Wear Resistant.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1250	kgf/cm ²	ASTM D 638
Tensile Stress, brk, Type I, 5 mm/min	1250	kgf/cm ²	ASTM D 638
Tensile Strain, break	2.4	%	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	2.4	%	ASTM D 638
Flexural Stress	1910	kgf/cm ²	ASTM D 790
Flexural Stress, brk, 1.3 mm/min, 50 mm span	1910	kgf/cm ²	ASTM D 790
Flexural Modulus	95600	kgf/cm ²	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	95600	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	70	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	15	cm-kgf/cm	ASTM D 256
PHYSICAL			
Density	1.57	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.2	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs (5)	0.6	%	ASTM D 955



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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