

LNP* Lubricomp* Compound KFL34

Asia Pacific: COMMERCIAL

Also known as: LNP* Lubricomp* Compound KFL-4034

Product reorder name: KFL34

LNP* Lubricomp* KFL34 is a compound based on Acetal Copolymer resin containing Glass Fiber, PTFE. Added features of this material include: Internally Lubricated.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	820	kgf/cm ²	ASTM D 638
Tensile Strain, break	1.9	%	ASTM D 638
Tensile Modulus, 50 mm/min	73800	kgf/cm ²	ASTM D 638
Flexural Stress	1190	kgf/cm ²	ASTM D 790
Flexural Modulus	61700	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	43	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	4	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	159	°C	ASTM D 648
PHYSICAL			
Density	1.65	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.5	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs	1.1	%	ASTM D 955
Mold Shrinkage, flow, 24 hrs	0.48	%	ISO 294
Mold Shrinkage, xflow, 24 hrs	1.07	%	ISO 294
Wear Factor Washer	198	10 ⁻¹⁰ in ⁵ -min/ft-lb-hr	ASTM D 3702 Modified
Dynamic COF	0.46	-	ASTM D 3702 Modified
Static COF	0.5	-	ASTM D 3702 Modified