

LNP* Lubricomp* Compound KX99792

Asia Pacific: COMMERCIAL

Also known as: LNP* Lubricomp* Compound PDX-K-99792

Product reorder name: KX99792

LNP* Lubricomp* KX99792 is a compound based on Acetal Copolymer resin containing Silicone. Added features of this material include: Internally Lubricated.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, yield	39	MPa	ISO 527
Tensile Stress, break	38	MPa	ISO 527
Tensile Strain, yield	6	%	ISO 527
Tensile Strain, break	30	%	ISO 527
Tensile Modulus, 1 mm/min	2070	MPa	ISO 527
Flexural Stress	48	MPa	ISO 178
Flexural Modulus	1700	MPa	ISO 178
IMPACT			
Multiaxial Impact	19	cm-kgf	ISO 6603
Izod Impact, unnotched 80*10*4 +23°C	52	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	6	kJ/m ²	ISO 180/1A
THERMAL			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	71	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage, flow, 24 hrs	2.7 - 3.1	%	ISO 294
Mold Shrinkage, xflow, 24 hrs	2.1 - 2.4	%	ISO 294
Wear Factor Washer	1	10 ⁻¹⁰ in ⁵ -min/ft-lb-hr	ASTM D 3702 Modified
Dynamic COF	0.2	-	ASTM D 3702 Modified
Static COF	0.1	-	ASTM D 3702 Modified
Density	1.32	g/cm ³	ISO 1183