



LNP* Lubricomp* Compound AL004

Asia Pacific: COMMERCIAL

Also known as: LNP* Lubricomp* Compound AL-4040

Product reorder name: AL004

LNP* Lubricomp* AL004 is a compound based on Acrylonitrile Butadiene Styrene resin containing Lubricants. Added features of this material include: Internally Lubricated.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	350	kgf/cm ²	ASTM D 638
Tensile Strain, break	2.5	%	ASTM D 638
Tensile Modulus, 50 mm/min	21900	kgf/cm ²	ASTM D 638
Flexural Stress	630	kgf/cm ²	ASTM D 790
Flexural Modulus	22100	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	44	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	5	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	76	°C	ASTM D 648
PHYSICAL			
Density	1.16	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.7	%	ASTM D 955

1) Typical values only. Variations within normal tolerances are possible for various colours. All values are measured at least after 48 hours storage at 23°C/50% relative humidity.
All properties, except the melt volume rate are measured on injection moulded samples.
All samples are prepared according to ISO 294.

2) Only typical data for material selection purpose. Not to be used for part or tool design.
3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.
4) Own measurement according to UL.