

LNP* Lubricomp* Compound PFL-4216 BK8-114

Asia Pacific: COMMERCIAL

LNP* Lubricomp* PFL-4216 BK8-114 is a compound based on Nylon 6 resin containing Glass Fiber, MOS2. Added features of this material include: Internally Lubricated.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	1580	kgf/cm ²	ASTM D 638
Tensile Strain, break	2.9	%	ASTM D 638
Tensile Modulus, 50 mm/min	97500	kgf/cm ²	ASTM D 638
Flexural Stress	2100	kgf/cm ²	ASTM D 790
Flexural Modulus	72700	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	102	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	11	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	205	°C	ASTM D 648
PHYSICAL			
Density	1.41	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.3	%	ASTM D 955