

LNP* Lubricomp* Compound ZI001XXX

Asia Pacific: COMMERCIAL

Also known as: LNP* Lubricomp* Compound ZI001XXX

Product reorder name: ZI001XXX

LNP* Lubricomp* ZI001XXX is a compound based on PPE+PS Blend resin.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, yield	440	kgf/cm ²	ASTM D 638
Tensile Stress, break	520	kgf/cm ²	ASTM D 638
Tensile Strain, yield	2.7	%	ASTM D 638
Tensile Strain, break	35.7	%	ASTM D 638
Tensile Modulus, 50 mm/min	28100	kgf/cm ²	ASTM D 638
Flexural Modulus	28100	kgf/cm ²	ASTM D 790
Tensile Stress, yield	37	MPa	ISO 527
Tensile Stress, break	47	MPa	ISO 527
Tensile Strain, yield	2.3	%	ISO 527
Tensile Strain, break	44.7	%	ISO 527
Tensile Modulus, 1 mm/min	2410	MPa	ISO 527
Flexural Stress	72	MPa	ISO 178
Flexural Modulus	2000	MPa	ISO 178
IMPACT			
Izod Impact, unnotched, 23°C	160	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	15	cm-kgf/cm	ASTM D 256
Izod Impact, unnotched 80*10*4 +23°C	135	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	14	kJ/m ²	ISO 180/1A
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	117	°C	ASTM D 648
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	118	°C	ISO 75/Af
PHYSICAL			
Moisture Absorption, 50% RH, 24 hrs		%	ASTM D 570
Mold Shrinkage, flow, 24 hrs	0.8 - 1	%	ASTM D 955

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PHYSICAL			
Mold Shrinkage, xflow, 24 hrs	0.9 - 2	%	ASTM D 955
Mold Shrinkage, flow, 24 hrs	0.85	%	ISO 294
Mold Shrinkage, xflow, 24 hrs	1	%	ISO 294