

## LNP\* Lubricomp\* Compound CL001I

Americas: COMMERCIAL

Also known as: CL-4010 HI  
Product Reorder Name: CL001I

LNP\* Lubricomp\* CL001I is a compound based on Polystyrene resin containing PTFE. Added features of this material include: Internally Lubricated, High Impact.

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
	Value	Unit	Standard
<b>MECHANICAL</b>			
Tensile Stress, break	20	MPa	ASTM D 638
Tensile Strain, break	37	%	ASTM D 638
Tensile Modulus, 50 mm/min	1850	MPa	ASTM D 638
Flexural Stress	34	MPa	ASTM D 790
Flexural Modulus	1860	MPa	ASTM D 790
<b>IMPACT</b>			
Izod Impact, unnotched, 23°C	801	J/m	ASTM D 4812
Izod Impact, notched, 23°C	96	J/m	ASTM D 256
<b>THERMAL</b>			
HDT, 1.82 MPa, 3.2mm, unannealed	72	°C	ASTM D 648
<b>PHYSICAL</b>			
Density	1.06	g/cm <sup>3</sup>	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.6	%	ASTM D 955

Source GMD, last updated:12/20/2006

### Processing

THESE PROPERTY VALUES ARE NOT INTENDED FOR SPECIFICATION PURPOSES.

PLEASE CHECK WITH YOUR [\(LOCAL SALES OFFICE\)](#) FOR AVAILABILITY IN YOUR REGION

(1) Typical values only. Variations within normal tolerances are possible for various colors. All values are measured after at least 48 hours storage at 23°C/50% relative humidity. All properties, except the melt volume and melt flow rates, are measured on injection molded samples. All samples tested under ISO test standards are prepared according to ISO 294.

(2) Only typical data for selection purposes. 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) Internal measurements according to UL standards.

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