# LNP™ LUBRICOMP™ COMPOUND SFL2A

SFL-402-10
REGION ASIA

## DESCRIPTION

LNP LUBRICOMP SFL2A is a compound based on Nylon 12 resin containing 50% Glass Fiber, 10% PTFE. Added feature of this material is: Wear Resistant.

## TYPICAL PROPERTY VALUES

Revision 20181230

| PROPERTIES | TYPICAL VALUES | UNITS | TEST METHODS |
|---|---|---|---|
| MECHANICAL | | | |
| Tensile Stress, break | 149 | MPa | ASTM D 638 |
| Tensile Strain, break | 3.5 | % | ASTM D 638 |
| Tensile Modulus, 50 mm/min | 16060 | MPa | ASTM D 638 |
| Flexural Stress | 241 | MPa | ASTM D 790 |
| Flexural Modulus | 13120 | MPa | ASTM D 790 |
| IMPACT | | | |
| Izod Impact, unnotched, 23°C | 907 | J/m | ASTM D 4812 |
| Izod Impact, notched, 23°C | 112 | J/m | ASTM D 256 |
| THERMAL | | | |
| HDT, 1.82 MPa, 3.2mm, unannealed | 174 | °C | ASTM D 648 |
| PHYSICAL | | | |
| Density | 1.64 | g/cm³ | ASTM D 792 |
| Moisture Absorption, 50% RH, 24 hrs | 0.6 | % | ASTM D 570 |

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