

## LNP\* Lubricomp\* Compound ICP36

### Asia Pacific: COMMERCIAL

Also known as: LNP\* Lubricomp\* Compound ICL-4536

Product reorder name: ICP36

LNP\* Lubricomp\* ICP36 is a compound based on Nylon 6/12 resin containing PTFE, Carbon Fiber. Added features of this material include: Internally Lubricated, , Electrically Conductive.

| TYPICAL PROPERTIES <sup>1</sup>  | TYPICAL VALUE | UNIT                | STANDARD    |
|----------------------------------|---------------|---------------------|-------------|
| <b>MECHANICAL</b>                |               |                     |             |
| Tensile Stress, break            | 1770          | kgf/cm <sup>2</sup> | ASTM D 638  |
| Tensile Strain, break            | 1.7           | %                   | ASTM D 638  |
| Tensile Modulus, 50 mm/min       | 203100        | kgf/cm <sup>2</sup> | ASTM D 638  |
| Flexural Stress                  | 2810          | kgf/cm <sup>2</sup> | ASTM D 790  |
| Flexural Modulus                 | 170100        | kgf/cm <sup>2</sup> | ASTM D 790  |
| <b>IMPACT</b>                    |               |                     |             |
| Izod Impact, unnotched, 23°C     | 81            | cm-kgf/cm           | ASTM D 4812 |
| Izod Impact, notched, 23°C       | 8             | cm-kgf/cm           | ASTM D 256  |
| <b>THERMAL</b>                   |               |                     |             |
| HDT, 1.82 MPa, 3.2mm, unannealed | 199           | °C                  | ASTM D 648  |
| <b>PHYSICAL</b>                  |               |                     |             |
| Density                          | 1.3           | g/cm <sup>3</sup>   | ASTM D 792  |