

LNP™ LUBRICOMP™ ZP001XXP compound

Polyphenylene Ether + PS

SABIC Innovative Plastics

Message:

LNP LUBRICOMP ZP001XXP is a compound based on PPE+PS Blend resin containing PTFE, Silicone. Added features of this material include: Internally Lubricated.

Also known as: LNP* LUBRICOMP* Compound ZL-4510

Product reorder name: ZP001XXP

| General Information | | | |
|--|-------------------------|-------------------|-------------|
| Additive | PTFE silicone lubricant | | |
| Features | Lubrication | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.08 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow (24 hr) | 0.90 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus ¹ | 2350 | MPa | ASTM D638 |
| Tensile Strength (Break) | 42.7 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 21 | % | ASTM D638 |
| Flexural Modulus | 2480 | MPa | ASTM D790 |
| Flexural Strength | 68.9 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 120 | J/m | ASTM D256 |
| Unnotched Izod Impact (23°C) | 500 | J/m | ASTM D4812 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm) | 119 | °C | ASTM D648 |
| NOTE | | | |
| 1. | 50 mm/min | | |

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Recommended distributors for this material

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