

# LNP™ LUBRICOMP™ COMPOUND AI0019

AL4410FR  
REGION EUROPE

## DESCRIPTION

LNP LUBRICOMP AI0019 is a compound based on Acrylonitrile Butadiene Styrene resin containing Flame Retardant, Silicone. Added features of this material include: Flame Retardant.

## TYPICAL PROPERTY VALUES

Revision 20170816

| PROPERTIES                                  | TYPICAL VALUES | UNITS             | TEST METHODS |
|---------------------------------------------|----------------|-------------------|--------------|
| <b>MECHANICAL</b>                           |                |                   |              |
| Tensile Stress, break, 5 mm/min             | 40             | MPa               | ISO 527      |
| Tensile Modulus, 1 mm/min                   | 2500           | MPa               | ISO 527      |
| Flexural Stress, break, 2 mm/min            | 61             | MPa               | ISO 178      |
| Flexural Modulus, 2 mm/min                  | 2600           | MPa               | ISO 178      |
| <b>IMPACT</b>                               |                |                   |              |
| Izod Impact, unnotched 80*10*4 +23°C        | 60             | kJ/m <sup>2</sup> | ISO 180/1U   |
| Izod Impact, notched 80*10*4 +23°C          | 8              | kJ/m <sup>2</sup> | ISO 180/1A   |
| <b>THERMAL</b>                              |                |                   |              |
| HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm       | 75             | °C                | ISO 75/Af    |
| <b>PHYSICAL</b>                             |                |                   |              |
| Density                                     | 1.21           | g/cm <sup>3</sup> | ISO 1183     |
| <b>FLAME CHARACTERISTICS</b>                |                |                   |              |
| UL Recognized, 94V-0 Flame Class Rating (3) | 1.6            | mm                | UL 94        |

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