



## LNP™ LUBRICOMP™ Compound EFL36E

### Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound EFL-4036 EM  
Product reorder name: EFL36E

LNP LUBRICOMP EFL36E is a compound based on Polyetherimide resin containing Glass Fiber, PTFE. Added features of this material include: Easy Molding.

| TYPICAL PROPERTIES <sup>1</sup>             | TYPICAL VALUE | Unit              | Standard     |
|---------------------------------------------|---------------|-------------------|--------------|
| <b>MECHANICAL</b>                           |               |                   |              |
| Tensile Stress, break, 5 mm/min             | 140           | MPa               | ISO 527      |
| Tensile Strain, break, 5 mm/min             | 1.9           | %                 | ISO 527      |
| Flexural Stress, break, 2 mm/min            | 200           | MPa               | ISO 178      |
| Flexural Modulus, 2 mm/min                  | 8800          | MPa               | ISO 178      |
| <b>IMPACT</b>                               |               |                   |              |
| Izod Impact, notched 80*10*4 +23°C          | 9             | kJ/m <sup>2</sup> | ISO 180/1A   |
| <b>THERMAL</b>                              |               |                   |              |
| CTE, 23°C to 60°C, flow                     | 4.E-05        | 1/°C              | ISO 11359-2  |
| HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm       | 202           | °C                | ISO 75/Af    |
| <b>PHYSICAL</b>                             |               |                   |              |
| Mold Shrinkage on Tensile Bar, flow (2) (5) | 0.1 - 0.3     | %                 | SABIC Method |
| Density                                     | 1.61          | g/cm <sup>3</sup> | ISO 1183     |
| <b>FLAME CHARACTERISTICS</b>                |               |                   |              |
| UL Recognized, 94V-0 Flame Class Rating (3) | 0.75          | mm                | UL 94        |