

NS-6716-G

Polyphenyl Ether Grease

NS-6716-G is a polyphenyl ether based grease formulated to provide stable lubrication and protection in extreme environments. Compatible with most elastomers and plastics. Not suggested for use with butyl rubber.

Characteristics:

- High load carrying capability
- Excellent thermal stability
- Non-melting thickener
- High oxidation resistance
- Very low migration and creep
- Extremely low vapor pressure
- High radiation resistance
- Non-toxic
- Plastics friendly

Typical Properties

| | |
|-------------------------------------------------|----------|
| Color | Black |
| Thickener | Graphene |
| NLGI grade | 3 |
| Evaporation Loss, ASTM D972, 6½ hrs. @ 204°C, % | .02 |

Typical Base Fluid Properties

| | |
|-----------------------------------|------------------|
| Base fluid | Polyphenyl ether |
| Viscosity, ASTM D445 @ 40°C, cSt | 2000 |
| Viscosity, ASTM D445 @ 100°C, cSt | 24 |
| Flash point, ASTM D92, °C (°F) | 326 (619) |

Material Compatibilities:

Compatible with most engineering plastics (including ABS and polycarbonate). Not suggested for use with butyl rubber. Check with material manufacturer or Syn-Tech concerning compatibility.

07/18 Rev.0

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