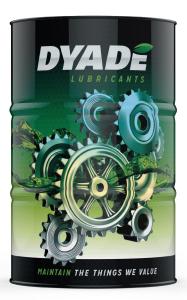
FOOD-PLUS GREASE FLUOR PTFE 2

323701701 FOODGRADE GREASES



EXTREME HIGH TEMPERATURE GREASE

This non-flammable white grease is formulated with perfluoroalkyl-polyether-type oil, micronized PTFE as a thickener, and an anti-corrosion additive. It is chemically and physically inert and can withstand exposure to various liquid or gaseous substances, except for fluorinated solvents, as well as thermal and ionizing radiation. All the components used in the production of this product are listed as safe by the Food and Drugs Administration (FDA), and it can be approved as H-1 upon request. This lubricant is ideal for use in bearings, sliding bearings, or joints exposed to harsh conditions that may cause traditional lubricants to break down. It is especially effective in curing ovens used in industries such as glass, textile, plastic film, paint, chemical, nuclear, and corrugated card. Additionally, it is compatible with a wide range of materials including elastomers, seals, gaskets, plastics, and metals. This product is also suitable for use as a thin film lubricant in sliding electrical contacts or as a dielectric agent.

| PROPERTY | METHOD | VALUE |
|---|------------|----------------|
| Nature of base oil | | Perfluorinated |
| Thickener | | PTFE |
| Colour | | White |
| Base oil viscosity @ 40 °C, mm²/s | ASTM D445 | 500 |
| Density @ 20 °C, kg/dm³ | | 1.91 |
| NLGI grade | | 2 |
| Worked penetration, 0.1 mm | ASTM D217 | 265-295 |
| Drop point, °C | DIN 51 801 | Without |
| Useful range temperature, °C | | -30 - 300 |
| Volatility, % | ASTM D972 | < 0.1 |
| 4-ball wear test, weld load, kg | IP 239 | >700 |
| Max speed factor, n.dm | | 300000 |
| Specific resistivity, ohm x cm | ASTM D257 | 4x10e14 |
| Emcor corrosion test Distilled water, 164 h | DIN 51 802 | 0 |
| NSF registration | | 146050 |
| Kosher approved | | YES |
| Halal approved | | YES |
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