

Description

It provides lubricants properties for metal/plastic, metal/rubber and plastic/plastic combinations, also suitable for metal/metal not subjected to high loads.

It is odourless and tasteless, and it is allowed for use with potable water.

It is not flammable and has good electrical insulation properties.

It is strongly water-repellent and not easily removable from surfaces immersed in water. Does not allow growth of fungus and moulds even in high humidity and temperature conditions.

Conforming to the military regulation MIL S8660B.

Registered at NSF, cat. H1 for incidental contact with food, Reg. N. 141569.

Physical properties

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|---|---|
| Appearance : | translucent paste |
| Chemical composition : | dimethylpolysiloxane |
| Density @ +20°C : | ab. 1,00 g/ml |
| Penetration ASTM D217 : | 200 - 260 |
| Dielectric strength (CEI243) : | 20 kV/mm |
| Dielectric constant at 1 KHz : (CEI 240) | 2,80 |
| Temperature range : | -40°C/+200°C |
| Drop point : | over +200°C |
| Flash point : | over +300°C |
| Volatility : | weght loss after 30 hours @ +200°C 2% max |
| Solubility : | not soluble in water, mineral and vegetal oils, acid and alkakine solutions, salts solutions. Easily removed by organic solvents. |
| Shelf life : | minimum 5 years in original unopened packaging |

Storage

We recommend to store the product in a cool and dry place at temperature non exceeding +25°C. After a long period of storage it is possible to find a light superficial sedimentation; it is enough to mix slightly before using.

To avoid contaminations do not refill containers with used product. For further information on applications, storage and handling contact Loxeal Technical Service

Safety and handling

Consult the Safety Data Sheet

Note

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