



SILICONE GREASE FOR ELECTRICAL INSULATION

NATO CODE S-736 – DEF STAN 68-69 Iss. 1 – XG-250

DESCRIPTION

Nyco Grease GN 69 is a heat-stable silicone oil thickened with a non-melting gelling agent.

APPLICATION

Nyco Grease 69 is used as a filling compound in high tension electrical equipment and ignition systems to provide insulation over a wide temperature range of -54°C to +204°C.

It may also be applied as a coating on electrical contacts and other electronic circuits.



Characteristic	Unit	Typical Result	DEF STAN 68-69 Limit	Test method
- Appearance	-	conform	Homogeneous, smooth, white translucent paste	visual
- Dropping point	°C	> 300	-	ASTM D 566
- Worked penetrability After 60 strokes	1/10 mm	300	max. 310	ASTM D 217
- Resistivity at 23°C	Ohm cm	1.10 ¹⁴	min. 1.0 10 ¹³	DEF STAN 68-69
- Permittivity, at 1 MHz and 23°C	kV	3.1	max. 3.1	DEF STAN 68-69
- Dissipation factor, at 1 MHz and 23°C	kV	0.02	max. 0.025	DEF STAN 68-69
- Oil separation, 30 h at 200°C	%w	6	max. 8.0	ASTMD 6184
- Evaporation loss, 22 h at 200°C	%w	2	max. 2.0	ASTM D 972

The values above are typical values. They do not constitute any contractual commitment. Sales specifications are available on request. The present technical data sheet replaces all the previous editions.

