

ANTIFLASH G-142, oven drying, thermal class F-155°C



PRODUCT DESCRIPTION

ANTIFLASH G-142 electro-enamel is an Alkyl - epoxy varnish with incorporated mineral additives that provide special thermal conductivity and dielectric rigidity properties, also highly thermal resistant to Class F temperature (155°C). ANTIFLASH G-142 is an anti-flash product the main characteristics of which are protection of the winding against the sparks which may occur between the collector and the winding, or between the collector and the metal casing of motor. The viscosity of ANTIFLASH G-142 allows to be filled for the gaps between the wound wires.

APPLICATION

For windings or surfaces which must be subjected to humidity (marine motors), or in environments with a high dust level. It has been demonstrated that a large number of the shorts-circuits that put a motor out of use, are due to the presence of foreign bodies that have penetrated into the loops of the winding. A winding protected by ANTI-FLASH G-142, has a flush surface on which neither dust nor water can act. A motor that has been treated with ANTI-FLASH is safer and presents a better appearance.

HOW TO USE

It is usually applied with a brush to the exterior of the winding or inside the motor casing. It can also be sprayed on after being suitably diluted. If a faster drying is required, the windings can be painted when are hot (80°C). When optimum thermal, dielectric and chemical characteristics are required then it must be dried for 2-3 hours at 120-140°C. It is recommended that the product should be well stirred before application, so as to evenly distribute the mineral charges that it contains. To reduce the viscosity we recommended to use DILUYENTE F-5.

PHYSICAL SPECIFICATIONS

Colour.	Grey (RAL 7030 – RAL 7004)
Density at 20°C (g/cm ³).....	1.2
Ford Cup Viscosity N° 4 at 20°C (s)	140 +- 40
Solids (%).....	65+-5
Drying time (on plate) at 20°C (hours)	6
Drying time (on plate) at 140°C (hours)	2
Thermal Class	F (155°C)
Storage stability at 20°C	12 months

DIELECTRIC PROPERTIES

Dielectric perforation in film thickness of 0.01 mm	
NATURAL STATE	1400 V
After 8 days in distilled water	1200 V
After 8 days in transformer oil	1500 V

PACKAGES

The product is available in 5L, 25L packaging. Available under customer's order in larger packages.