

ROYALAC 129, air drying, thermal class F-155°C



PRODUCT DESCRIPTION

ROYALAC 129 is an impregnating varnish based on exceptionally quick-drying synthetic resins. Suitable for the protection and electrical insulation of windings in the thermal class F. Thanks to its excellent mechanical and dielectric properties, this varnish provides higher than normal performance for air drying varnishes. It has very good resistance to the abrasion, the external chemical agents (saline humidity, atmospheres, etc) and to the transformer oil.

APPLICATION

By its characteristics varnish ROYALAC 129, can be used in the construction and repair of motors, transformer and materials that must work under adverse conditions. Also it is used in the varnish of printed circuits.

HOW TO USE

ROYALAC 129 is applied using traditional methods. It is usually done by dipping the coils in question. If used as a finishing varnish, it can be applied with a brush or gun. Drying time - practical with a 5 HP motor, is approximately 2-3 hours at 20°C. When the coils are of larger dimensions or have difficult evaporation (closed coils), we recommend a drying time of 2h at 100-120°C. To reduce the viscosity we recommended to use DILUYENTE F.

PHYSICAL SPECIFICATIONS

Colour	Colourless, yellow (A), orange (N)
Density at 20°C (g/cm ³).....	0.90
Ford Cup viscosity n° 4 at 20°C (sec)	18 ± 4
Solids (%).....	37 ± 2
Drying time on plate at 20°C (min)	12
Thermal class	F (155°C)
Storage stability at 20°C	12 months.

DIELECTRIC PROPERTIES

Dielectric breakdown 0.02 mm... .. >2500 V

PACKAGES

The product is available in 2L, 5L, 25L packaging and in the form of a 500ml spray. Available at customer's request in 50L, 100L and 200L packaging.