



## **ROYALAC 129/30**

### **DIELECTRIC VARNISH**

### **THERMAL CLASS F (155°C)**

### **FAST AIR DRYING**

ROYALAC 129/30 is a 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.

### **FIELD OF APPLICATION**

By its characteristics varnish ROYALAC 129/30, 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.

### **SUGGESTED USES**

ROYALAC 129/30 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 2 hs. at 100-120°C.

### **PHYSICAL SPECIFICATIONS**

Colour .....Gold, Yellow and Colorless.

Density at 20°C (g/cm<sup>3</sup>) .....0.90

Ford Cup viscosity nº 4 at 20°C (sec) .....13 +- 4

Solids (%).....30 +- 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

### **THINNER**

Should you wish to reduce its viscosity, add our DILUYENTE F

### **SUPPLY**

In lithographed and sealed tin plate containers with a capacity of 5 and 25 litres.

In iron plate drums of 50, 100 and 200 litres.