

Data sheet: **EPOXAL Varnish 9009/C**

TRASPARENT EPOXY-PHENOLIC OVEN VARNISH

DESCRIPTION

EPOXAL 9009/C is an epoxy-phenolic varnish suitable for use on hermetic stators. Here are some characteristics of this product

- Freon resistance;
- Very good flexibility;
- Good bond strength
- Good abrasion resistance;
- Very good resistance to moisture, chemicals and Freon.

Excellent binding power ensures maximum protection for stators, rotors, windings and magnetic laminations.

CHARACTERISTICS

Physical properties

Appearance in the can (ALB. 16/9.92)	clear amber
Viscosity in Ford Cup n.4 at 25°C (UNI 8356/6.82)	24-30"
Specific Gravity at 25°C (UN 18910/11.86)	960 ± 50 grilt.
Build up D.F.T. (ASTM D-115)	0,050 mm.
Solid content	35% ± 2
Corrosive effects on copper	none

Electrical properties

Dielectric strength:	> 3200 volts/mm. 0,025
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USES AND APPLICATION

The varnish EPDXAL 9009/C is supplied with a solid content of 35% ± 2. Before the impregnation it can be further thinned with 25-30% of Diluent 9009/C. The thinning proportion may change from 25-30 to 100%, according to the customer's need. The following cycle is suggested as a starting point for the treatment at atmospheric pressure of most units:

1. Preheat units to 110°C;
2. Cool to 40-50°C;
3. Dip in the varnish for 5-10';
4. Drain for 15-30';
5. Place in the oven and bake for 4-5 h at 160°C, or 1 % - 2 h. at 180°C (time must be taken after units reach the baking temperature).

For specific conditions, please consult us.

STORAGE

Store in a cool, dry place. EPOXAL 9009/C can be stored for 12 months at 30°C max

PRECAUTIONS FOR USE

The use of EPOXAL 9009/C varnish does not require any special precautions, but simply compliance with occupational hygiene standards. Work in ventilated areas, avoid contact with skin. In case of contact with eyes, wash immediately with water and seek medical advice.