



LACKTHERM® 1314/40 H

Code: 10979573

PRODUCT DESCRIPTION

Single-component impregnation varnish based on modified polyester, thermal class H, oven-cured.

RECOMMENDED USE

Low voltage motors and generators, all power ratings.

Hermetic motors.

PROPERTIES

High resistance to chemical agents.

High hardness.

Excellent flexibility.

Excellent dielectric properties.

Excellent chemical resistance.

APPLICATION SYSTEMS

Flooding

Immersion

CERTIFICATIONS AND APPROVALS

UL certified product.

Product in compliance with RoHS directive.

PACKAGING

Can 5 L

CHARACTERISTICS

Color	DARK AMBER
Viscosity	27 - 33" CF4 (ASTM D1200/94)
Specific Gravity	0.97 +/- 0.02 g/cm ³ (ASTM D1475/98)
Solids Content	38+/-2 % (ASTM D2697/03)
Thermal Class	180 °C (DIN 46452/77)
Dielectric Strength	60 - 90 kV/mm ()
AC/DC	AC/DC
VOC content	544.75 g/l
Shelf Life	12 months

APPLICATION DATA

Component B	MONOCOMPONENT
Curing Time	1.5 - 3 h
Curing Temperature	145 - 155 °C
Thinner	DILUENT RESIN LACKTHERM® 1101

NOTE:

It is recommended to preheat the part to a temperature between 70 °C and 90 °C.

RECOMMENDATIONS

Keep the package closed after partial use.

Use in a well-ventilated location.

Keep in a cool place, away from ignition points.

Keep the application tank closed after use.

SAFETY PRECAUTIONS

This product has been developed for industrial use and is intended to be handled by qualified professionals. Carefully read all the information contained in the Safety Data Sheet (SDS) available at: www.weg.net.

When handling this product, use the Personal Protective Equipment (PPE) as indicated in the product's SDS.

Empty packaging and materials with product residues must be disposed of in accordance with current legislation. Preserve the environment.

NOTE

The information contained in this technical bulletin is based on the experience and field knowledge acquired by the WEG technical team. If the product is used without prior consultation with WEG regarding its suitability for the intended application, the customer acknowledges that such use is at their sole responsibility. WEG does not assume any liability for the behavior, safety, suitability, or durability of the product.

Some of the information provided in this bulletin is based on estimates and may vary due to factors beyond the manufacturer's control. Therefore, WEG makes no guarantees and assumes no responsibility for yield, performance, or for any material or personal damages resulting from the improper use of the products or the information contained in this Technical Data Sheet.

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