

STAR Technology

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ER7850 Clear Electrical Varnish

DESCRIPTION

ER7850 Clear is a HAPS free, water reducible, electrical varnish with good thermal, electrical and mechanical properties. ER7850 Clear air dries to a clear film with good corrosion resistance.

Data contained herein are believed to be reliable. Fit-for-use testing should be conducted by each user.

TYPICAL PROPERTIES

Non-volatile by weight:

Non-volatile by volume:

Viscosity cps @ 25

Weight per Gallon lbs

Flash Point

Appearance

Color:

pH

Set To touch min

Tack Free min

Dielectric Strength Volts per mil

TEST METHOD

VALUE

25%

21%

300-400

8.4

163F

Clear liquid

Clear

7.5-9

10-15

20-30

3000

DIRECTIONS FOR USE

ER7850 can be dip coated, poured, or sprayed on surfaces. Make sure you have a clean, dry part. Mix product before using especially if you are using ER7850, White, Blue or Red. This will ensure any pigment that may have settled is mixed back into the material.

Dip coat until the product does not exhaust anymore air while in the liquid. Pull out of dip tank and let drain for several minutes to avoid puddling. Allow to air dry for 30 to 60 minutes prior to placing in an oven. The oven temperature need not exceed 80C. An oven is not required but it will dry your part faster and give you a better finished coating.

Spray Coat until all areas are completely covered. Let drain for 30 to 60 minutes and proceed to oven as above.

To the best of our knowledge, the information contained herein is accurate. However, STAR TECHNOLOGY, Inc., does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. The information contained herein is considered typical properties and is not intended to be used as specifications for our products. This information is offered solely to assist purchaser in selecting the appropriate products for purchaser's own testing. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein and in the material safety data sheet, we cannot guarantee that these are the only hazards that exist. Repeated and prolonged exposure to epoxy resins can cause sensitization or other allergic responses.



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PRECAUTIONS

For industrial use only. Keep away from children.

Refer to the Material Safety Data Sheets (MSDS forms) pertaining to this product before using.

Avoid contact with skin or eyes. In the event of an eye splash or contact, immediately flush with cold water for 15 minutes and contact a physician. If skin contact occurs, wash with mild soap and water. The wearing of safety glasses with side shields and impervious gloves is recommended.

CLEAN UP

Clean up uncured or liquid material with soap and water.

PRODUCT WARNING STATEMENT

May cause allergic skin reaction. Avoid all contact with skin, eyes, and clothing. Wash thoroughly after handling.

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