

**UL94V0 / 5VA
ELECTRICAL SYSTEM
RESIN 20279
HARDENER 50080**



Resin	30,000 cps
Hardener	100 cps
Mixed	3,100 cps

DESCRIPTION

20279 / 50080 UL 94V0 / 5VA Potting System is a filled, black, low viscosity, flame retardant, epoxy for use in ambient cure systems. **This system is UL94V0 / UL94 5VA (3mm or <1/8") with an HWI rating of a "0" recognized in UL File # E 211862.**

Density, lbs./gal. (specific gravity)	
Resin	14.3 (1.72)
Hardener	8.2 (0.99)
Mixed	13.4 (1.61)

Shelf Life	
Store cool and dry	1 year

Hardness, Shore D	85
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UL HWI @ 3mm (1/8")	0 rated
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PRODUCT DATA

Color:	
Resin	Black
Hardener	Amber
Mixed	Black
Mixing ratio	
By weight	100 to 9.5
By volume	100 to 16.5
Working time, 200 grams	40 minutes
Gel time, 200 grams	90 minutes
Cure Cycle	
Standard	24 hours

ELECTRICALS

Dielectric strength, volts/mil	445
Dielcetric constant	4.2
Dissipation factor	0.019
Volume resistivity, ohm-cm	9.1 x 10 ¹⁵

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IMPORTANT NOTICE TO PURCHASER:

efi Polymers MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

User is responsible for determining whether the product is fit for a particular purpose and suitable for users method of application. Please remember that many factors can affect the use and performance of a polymer product in a particular application. The customer's substrate, the surface preparation of those materials, the product selected for the application, the conditions in which the product is to be mixed and used, and the time and environmental conditions in

PRODUCT DATA

Viscosity (ASTM D-2393)

which the product is expected to perform are among the many factors that can affect the use and performance of a product. Given the variety of factors that can affect the use and performance of a product, some of which are uniquely within the users knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Information

If the efi Polymers product is proved to be defective, THE EXCLUSIVE REMEDY, AT EFI POLYMERS OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE EFI POLYMERS PRODUCT.

Efi Polymers shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Liquid Storage - Liquids should be stored at 25°C or below, in closed containers. If stored below 25°C, the material MUST be allowed to come to room temperature, in the sealed container, to avoid moisture contamination. Material removed from containers may be contaminated during use. Do not return product to the original container. Efi Polymers cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated.

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