

UL94V-0 EPOXY POTTING SYSTEM RESIN 20215 HARDENER 50213



DESCRIPTION

20215/50213 Electrical Potting System is a black, filled, UL 94 VO flame retardant epoxy designed for ambient cure applications. 50213 is DOT noncorrosive. **This system is UL94V-O recognized in UL File # E 211862.**

USE

This system provides outstanding moisture resistance and is designed for submersible applications under 600 volts. Designed for ambient temperature cured applications requiring UL 94 V0 flame retardant, superior moisture resistance with an easy 2:1 by volume mix ratio. The low viscosity and long gel time make this a viable system for manual process applications.

PRODUCT DATA

Color:	
Resin	Black
Hardener	Off white
Mixed	Black
Cure Cycle	
Ambient @ 77 F (25 C)	24 Hours
Elevated @ 150 F (66 C)	2 Hours
Working Time (ASTM D-2471)	
200 grams @ 77 F (25 C)	50 minutes
Gel Time (ASTM D-2471)	
200 grams @ 77 F (25 C)	130 minutes

PRODUCT DATA

Viscosity (ASTM D-2393)	
Resin @ 77 F (25 C)	13000 cps
Hardener @ 77 F (25 C)	13000 cps
Mixed @ 77 F (25 C)	14000 cps

Density, lbs./gal. (specific gravity)	
Resin	12.6 (1.51)
Hardener	12.7 (1.53)
Mixed	12.7 (1.52)

Mixing Ratio	
By Weight	100 parts resin to 51 parts hardener
By Volume	100 parts resin to 50 parts hardener

Shelf Life	
Store cool and dry	1 year

Hardness (ASTM D-2240)	
Shore D	75

Disclaimer: The manufacturer makes no expressed or implied warranties whether used in accordance with directions or not. User relies on his skill and judgment and assumes all risk in use and handling.

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