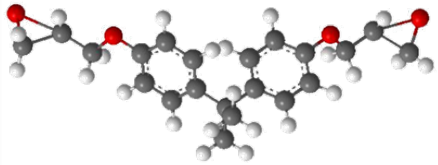
EPORITE



EPORITE 5962 A / B

GENERAL

EPORITE 5962 A / B is a two - components epoxy potting and sealing system which is recommended for potting and encapsulating of electronic components.

The cured EPORITE 5962 A / B exhibits physical properties and heat stability.

STORAGE

Store A & B parts at temperature lower than 30℃ but not less than 5℃. Keep the containers at dry place & sealed tightly.

HANDLING AND SAFETY

Gloves and glasses are suggested for user's personal protection. Clean with soap and water when skin contact.

PROCESSING

1. Well mixed with mixing ratio A:B = 4:1 by weight.
2. Potting/casting associated with vacuum process.
3. Curing condition at 90~100℃ for 8~12 hr. Post- curing with 120~130℃ for 4~8 hr.

NOTE: The process can be adjusted according to the specific manufacturing process or performance requirement.

SPECIFICATION

Specification	EPORITE 5962A	EPORITE 5962B
Chemical Type	Epoxy Resin	Anhydride
Appearance	Black Liquid	Light Yellow Liquid
Specific Gravity	1.8 ± 0.2	1.2 ± 0.1
Viscosity (25℃)	28000 ± 7000 cps	100 ± 50 cps
Mixing Ratio (by weight)	4	1
Shelf Life (25℃)	6 months	6 months
Mixing Viscosity (25℃)	1725 ± 430 cps	
Pot Life (25℃)	> 180 min/200 g	
Gel Time (130℃)	37 min/10 g	
Curing Condition	90~100℃/8~12 hr + 120~130℃/4~8 hr	

PROPERTIES OF THE CURED RESIN**

Property	EPORITE 5962 A / B
Hardness (Shore D)	80 ~ 90
Glass Transition Temperature (℃)	40 ~ 60
Coefficient of Thermal Expansion (mm/ mm/℃)	(α_1) 65 ~ 85×10^{-6} (α_2) 250 ~ 310×10^{-6}
Moisture absorption (wt %)	< 0.5
Break Down Voltage (kV/mm2)	>15

**Curing condition:90℃/8hr+130/4hr

REMARK

The information contained is believed to be reliable and only for the reference without any effective guarantee for the application of the user. The user is responsible to determine the suitability for the user's application and the reliability of the products. Epolab Chemical will not accept claim of warranties of the fitness or reliability for a particular purpose especially the liability for consequential damages of end products.

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