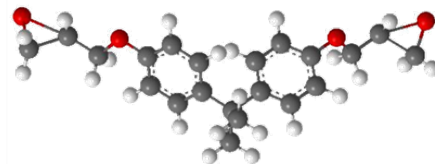


EPORITE



EPORITE FRP-300 A / B

GENERAL

EPORITE FRP-300 A / B is a two - components epoxy potting and sealing system which is recommended for potting and encapsulating of electronic components.

The cured EPORITE FRP-300 A / B exhibits excellent flame resistance, physical properties and heat stability.

STORAGE

Store A & B parts at temperature lower than 30°C but not less than 5°C. 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 = 3:1 by weight.
2. Potting/casting associated with vacuum process.
3. Curing condition at 25°C for 24 hr or 80 °C for 4 hr.

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

SPECIFICATION

Specification	EPORITE FRP-300A	EPORITE FRP-300B
Chemical Type	Epoxy Resin	Amine
Appearance	Light Yellow Liquid	Light Yellow Liquid
Specific Gravity	1.2 ± 0.1	1.1 ± 0.1
Viscosity (25°C)	28000 ± 7000 cps	<100 cps
Mixing Ratio (by weight)	3	1
Shelf Life (25°C)	6 months	6 months
Mixing Viscosity (25°C)	450 ± 100 cps	
Pot Life (25°C)	120 min/100 g	
Gel Time (80°C)	12 min/10 g	
Curing Condition	25°C/24 hr or 80°C/4 hr	

PROPERTIES OF THE CURED RESIN**

Property	EPORITE FRP-300 A / B
Hardness (Shore D)	82 ~ 92
Glass Transition Temperature (°C)	130 ~ 150
Moisture absorption (wt %)	< 1

**Curing condition:80°C/1hr+130/2hr

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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