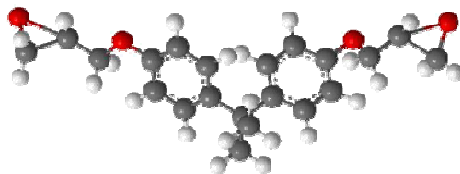


EPORITE



EPORITE EHM-241

GENERAL

EPORITE EHM-241 series is a one-component epoxy hot melt system recommended especially for fiber-reinforced prepreg.

The cured EPORITE EHM-241 exhibits excellent physical properties such as mechanical strength, and heat stability.

STORAGE

Store EPORITE EHM-241 at temperature lower than 5°C.

HANDLING AND SAFETY

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

PROCESSING

1. Coating process: 70 ~ 75°C
2. Impregnation process: 100 ~ 105°C
3. Storage: lower than 5°C
4. Molding process: 90 ~ 100°C / 0.5 hr + 150°C / 1.5 hr.

*All of above temperatures are suggested temperatures.

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

SPECIFICATION

| Specification | EPORITE EHM-241 |
|------------------|--------------------------------------|
| Chemical Type | Epoxy Compound |
| Appearance | White solid |
| Specific Gravity | 1.2 ± 0.1 |
| Viscosity (70°C) | 15500 ± 3875 cps |
| Shelf Life | 6 months (5°C) or 1 month (25°C) |
| Gel Time (150°C) | < 7 min/0.2g |
| Curing Condition | 90 ~ 100°C / 0.5 hr + 150°C / 1.5 hr |

PROPERTIES OF THE CURED RESIN

| Property | EPORITE EHM-241 |
|--|-----------------|
| Glass Transition Temperature (°C) | 170 ~ 190 |
| Flexure Strength (N/mm ²) (25°C) | > 105 |
| Young's Modulus (Mpa) (25°C) | > 3600 |

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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