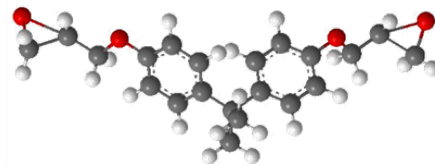


EPORITE



EPORITE EHM-10405

GENERAL

EPORITE EHM-10405 is a one-component epoxy hot melt system recommended especially for low tg fiber-reinforced prepreg.

The cured EPORITE EHM-10405 exhibits excellent physical properties such as mechanical toughness, and product stability.

STORAGE

Store EPORITE EHM-10405 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. Curing Condition:
 - A. Table rolling process: 90 ~ 100°C / 0.5 hr + 150°C / 1.5 hr.
 - B. Molding process: 150°C / 0.5 ~ 1 hr.

*Above all temperatures are suggested temperatures.

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

SPECIFICATION

Specification	EPORITE EHM-10405
Chemical Type	Epoxy Compound
Appearance	White solid
Specific Gravity	1.2± 0.1
Viscosity (70°C)	30000 ± 10000 cps
Shelf Life	6 months (5°C) or 1 month (25°C)
Gel Time (min , 0.2g @ 150°C)	< 7min
DSC Peak response time (min, 150°C)*	1.0~3.0
Glass Transition Temperature (°C) *	100-120

*Curing conditions :DSC, Isothermal, 150°C/60min

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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