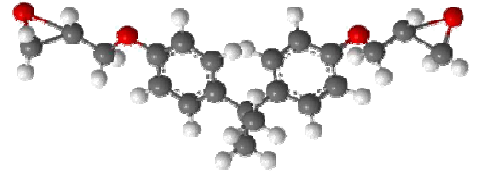


# EPORITE



## ***EPORITE EHM-236***

### **GENERAL**

EPORITE EHM-236 is a one-component epoxy hot melt system recommended especially for fiber-reinforced prepreg.

The cured EPORITE EHM-236 exhibits excellent physical properties such as mechanical strength, and heat stability.

### **STORAGE**

Store EPORITE EHM-236 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: 150°C / 0.5 ~ 1 hr + 150°C / 2 ~ 2.5 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-236
Chemical Type	Epoxy Compound
Appearance	White solid
Specific Gravity	1.2 ± 0.1
Viscosity (70°C)	360000 ± 90000 cps
Shelf Life	6 months (5°C) or 1 month (25°C)
Gel Time (150°C)	< 7 min/0.2g
Glass Transition Temperature (°C)	170 ~ 190

### **PROPERTIES OF THE CURED RESIN**

Specimen Information:

HTC-12K, 24T, RC 35% Prepreg, Unit-dimension (0°), Molding thickness: 3.1mm

Mechanical Property	EPORITE EHM-236
Flexure Strength (Mpa)	> 1800
Young's Modulus (Gpa)	> 130
Tensile stress (MPa)	> 1000

### **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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