

# RESIN DEX-085 HARDENER KLH-935



## General Description

Modified solvent free Bromonated Epoxy Resin with selected Hardener and filler. It is low viscosity, rapid cure combined with good performance of the cured resin, excellent electrical properties. Good self-extinguish properties.

## Technical data

	<u>DEX-085</u>	<u>KLH-935</u>
Main composition	: Filled Epoxy Resin	Modified polyamine
Colour	: Red brown or Black	Dark Brown
Viscosity (cps)	: 15,000 – 18000 (Mix)	
Specific gravity (g/cm <sup>3</sup> )	: 1.5 (Mix)	
Mixing Ratio	: DEX-085 : KLH-935 = 100 : 14 by wt.	
Curing Time	: 25°C x 24 hrs. or 60°C x 2 hrs.	

## Physical and electrical properties

Flexural strength (Kg/cm <sup>2</sup> )	: 700 - 800
H.D.T. ( °C )	: > 105 °C
Hardness (Rockwell)	: > 75
Water absorption ( % )	: < 0.05
Non-flammability	: Reach UL94-V0

## Electrical properties

Dielectric constant (50HZ at 20 °C)	: 4 – 4.5
Volume resistivity (OHM - CM)	: 1 x 10 <sup>15</sup>
Breakdown voltage (KV/mm)	: 25

## Preparation of Mixture

- 1) Stir DEX-085 thoroughly before blend with KLH-935 to ensure uniform Dispersion .
- 2) Measure by weight the Resin and Hardener, then mix thoroughly.
- 3) Pouring to the place where would be encapsulated.
- 4) Defoaming by vacuum pump.

The information given in this leaflet is based on our careful test and working experience. We hope that it will give you a useful guide, but we can give no guarantee of success for your work, Since the condition of use are beyond our control



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