



# JP-250AB

## Electrical & Electronic Potting Compounds

UL File No. E354546

### Features

- UL recognized. Passes UL94 V-0 and RTI 130°C.
- Cure at room temperature or heat to cure. Smooth and bright appearances after cured.
- Low viscosity and excellent self-leveling for easy processing, mixing and potting.
- Excellent electrical performances.

### Typical specifications

		<u>Resin ( A )</u>	<u>Hardener ( B )</u>
Color	:	Black	Dark Brown
Viscosity	:	@25°C 5,000 - 10,000 cps	120 - 280 cps
Specific Gravity	:	@25°C 1.4 - 1.5	1.03 - 1.13
Mix Ratio	:	By weight 100 : 25	
Viscosity of Mixture	:	@25°C 2,000 - 3,000 cps	
Pot Life	:	@25°C 30 mins	
Cure Schedule	:	25°C x 16-24 hrs 60°C x 2-4 hrs	
Flame Retardant	:	UL94 V-0	
Compressive Strength	:	9.8 kg/mm <sup>2</sup>	
Tensile Strength	:	7.5 kg/mm <sup>2</sup>	
Hardness	:	Shore D 80	
Dielectric Strength	:	20 kV/mm (508 Volts/mil)	
Volume Resistivity	:	1.0 x 10 <sup>15</sup> ohm-cm	
Coefficient of Thermal Expansion	:	20 x 10 <sup>-6</sup> in/in/°C	
Dielectric Constant	:	@60Hz 4.1	
Dissipation Factor	:	@60Hz 1.9	
Shelf Life	:	@25°C 1 year	

(when stored in the original unopened container)

※ Remarks : It takes 7 days to achieve full properties after cured.

※ Remarks : **Please well stir the resin before use.**



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