



# 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.

		<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	
Tensile Strength	:	7.5 kg/mm <sup>2</sup>	
Compressive Strength	:	9.8 kg/mm <sup>2</sup>	
Hardness	:	Shore D 86	
Dielectric Strength	:	20 kV/mm (508 Volts/mil)	
Volume Resistivity	:	1.0 x 10 <sup>15</sup> ohm-cm	
Thermal Conductivity	:	0.74 W/mK (0.43 BTU/Hr/Ft <sup>2</sup> /Ft/°F)	
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. Please well stir the resin before use.

傑地有限公司

UL MIL 絕緣材料·粘膠·溫控器材

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