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♦ TECHNICAL BULLETIN ♦ TECHNICAL BULLETIN ♦ TECHNICAL BULLETIN ♦

## EPOXY RESIN RBC #1032

RBC #1032 Resin with AB-1032 Hardener is a modified, low viscosity, flexible resin with excellent clarity and air release properties. It is ideal for use as a decorative and protective coating for applications such as doming pictures, labels, and magnets.

### HANDLING PROPERTIES:

Mixed Viscosity @ 25°C,cps	4,000
Resin Viscosity @ 25°C,cps	6,500
Hardener Viscosity 25°C,cps	100
Resin Specific Gravity 25°C,cps	9.50
Hardener Specific Gravity 25°C,cps	8.40
Shelf Life, (closed Container @ 25°C)	1 Year

### PHYSICAL PROPERTIES (CURED):

Color, APHA	50
Specific Gravity @ 25°C	1.40
Hardness, Shore D	40 - 50
Linear Shrinkage, in./in.	0.003
Izod Impact Strength, ft. lbs./in. of notch	0.6
Tensile Strength @ 25°C, psi	5,700
Compressive Strength @ 25°C, psi	9,500

**MIXING INSTRUCTIONS:** Weigh the desired amount of #1032 Resin into a clean container and combine with recommended amount of AB-1032 Hardener. Mix thoroughly. Entrapped air may be removed by vacuum.

Mix Ratio by Weight	2:1, 100 parts resin to 50 parts hardener
Pot Life @ 25°C	60 Minutes
Cure Time @ 25°C (77°F)	18 - 24 Hours
@ 35°C (95°F)	4 - 8 Hours
@ 65°C (150°F)	1 Hour

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