

Adjustable pot life Adhesives

RT curing, two component Epoxies

Key Properties

- Rapid to medium setting, adjustable pot life
- 1:1 resin to hardener ratio by weight or volume
- Color indicator for easy mixing
- Transparent bond line after curing
- No special handling or application techniques

Applications

- Small part bonding
- Rapid repair
- Bonding tooling boards
- Bonding metal, glass, wood, most rigid plastics, concrete, stones
- Not recommended for polyolefins, Teflon, Nylon or flexible materials

Processing Properties

			EA-2800	EH-2980	EH-2981	EH-2982
Color	visual		Emerald Green	Pale Yellow	Pale Yellow	Pale Yellow
Mix ratio		pbw	100	100	100	100
Density	ISO 1183	g/cm ³	ca. 1.17	ca. 1.13	ca. 1.13	ca. 1.13
Viscosity at 25 °C	ISO 2555	mPa·s	10,000–15,000	10,000–15,000	10,000–15,000	10,000–15,000

			EA-2800 / EH-2980	EA-2800 / EH-2981	EA-2800 / EH-2982
Mix viscosity at 25 °C	ISO 2555	mPa·s	10,000 – 15,000	10,000 – 15,000	10,000 – 15,000
Pot life at 25 °C	100 ml	min	3-4	10-12	18-20
Time to handling strength at 25 °C		min	5-10	15-20	30-40
Minimum curing time at 25 °C		h	24 - 48	24 - 48	24 - 48

Cured / Mechanical Properties

Cure: 2 days at 25°C			EA-2800 / EH-2980	EA-2800 / EH-2981	EA-2800 / EH-2982
Aspect	visual		Transparent	Transparent	Transparent
Density	ISO 1183	g/cm ³	ca. 1.15	ca. 1.15	ca. 1.15
Shore D hardness	ISO 868		80 - 85	80 - 85	80 - 85

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Processing

The processing and material temperature should be between 20-25°C.

Mix the two components thoroughly in the ratio indicated and apply to both sides of the surface to be bonded.

Packaging

RAKU® TOOL EP-2800	Box of 6 x 1 pound squeeze bottles, 40 pounds in 5 gallon plastic pail
RAKU® TOOL EH-2980	Box of 6 x 1 pound squeeze bottles, 40 pounds in 5 gallon plastic pail
RAKU® TOOL EH-2981	Box of 6 x 1 pound squeeze bottles, 40 pounds in 5 gallon plastic pail
RAKU® TOOL EH-2982	Box of 6 x 1 pound squeeze bottles, 40 pounds in 5 gallon plastic pail

Storage

Original containers should be kept tightly sealed and stored at ambient temperatures (15°C to 30°C). If properly stored the products have the shelf-life indicated on the product label.

Partly used containers should always be sealed appropriately and used up as soon as possible.

Handling Precautions

Good workplace ventilation is to be ensured during processing. At the same time, the employer's liability insurance association's industrial hygiene safety regulations regarding the handling of reaction resins and their hardeners are to be observed. Please take heed of the appropriate safety data sheets.
