

# RAKU-TOOL<sup>®</sup> EG-2105 / EH-2950

## Epoxy Gelcoat System

### Styrene resistant Epoxy System

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#### Key Properties

- Excellent styrene resistance
- Can be polished
- Good temperature resistance

#### Applications

- Gelcoat for laminate structures and other build up methods
- Vacuum forming molds
- UP-laminated molds/press tools
- RTM molds

#### Processing Properties

			EG-2105	EH-2950
Color	visual		Green	Clear
Mix ratio		parts by weight	100	20
Density	ISO 1183	g/cm <sup>3</sup>	1.31	1.01

			EG-2105 / EH-2950
Pot life at 25 °C	250 ml	min	35
Demold time		h	16

#### Cured / Mechanical Properties

Cure: after initial hardening post cure in steps up to 120°C			EG-2105 / EH-2950
Appearance	visual		Green
Density	ISO 1183	g/cm <sup>3</sup>	1.3
Hardness Shore D	ISO 868		85-90
Deflection temperature, HDT	ISO 75	°C	115-120
Glass Transition Temperature, Tg	DSC	°C	115-120
Abrasion	Taber	mm <sup>3</sup> /100R	50-55

#### Processing

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

Mix the two components thoroughly in the ratio indicated.

Apply in thin layers with a brush.

Wait until gelcoat has gelled, but ensure that it is still slightly tacky before proceeding.

Post curing will improve final properties.

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### Packaging

RAKU-TOOL® EG-2105	5 kg
RAKU-TOOL® EH-2950	6 x 1 kg / 2 kg / 25 Kg

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### 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.

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### 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.