

RAKU-TOOL[®] EG-2104 / EH-2950

Epoxy Gelcoat System

Black, temperature resistant Epoxy System

PC - Rev.-Status: 01- 2009/06/25

Page 1 of 2

Key Properties

- Very easy to apply
- Can be polished to a high gloss
- Temperature resistant

Applications

- For laminate structures and other build up methods
- Vacuum forming molds
- RTM molds

Processing Properties

			EG-2104	EH-2950
Color	visual		Black	Clear
Mix ratio		parts by weight	100	10
Density	ISO 1183	g/cm ³	1.50	1.01
			EG-2104 / EH-2950	
Pot life at 25 °C	250 ml	min	45	
Demold time		h	16	

Cured / Mechanical Properties

Cure: after initial hardening post cure in steps up to 120°C			EG-2104 / EH-2950	
Appearance	visual		Black	
Density	ISO 1183	g/cm ³	1.7	
Hardness Shore D	ISO 868		85-90	
Deflection temperature, HDT	ISO 75	°C	100-105	
Glass Transition Temperature, Tg	DSC	°C	95-100	
Abrasion	Taber	mm ³ /100R	85-90	

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-2104	5 kg
RAKU-TOOL [®] EH-2950	6 x 1 kg / 2 kg / 25 kg

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.

Supplied by

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