

# RAKU-TOOL<sup>®</sup> EI-2500 / EH-2970

## Epoxy Infusion System

### Provisional Data Sheet

PC - Rev.-Status: 01- 2006/05/11

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#### Key Properties

- Good cure at room temperature
- Temperature resistant
- Good wetting properties

#### Applications

- Resin Infusion
- RTM

#### Processing Properties

			EI-2500	EH-2970
Color	visual		Clear	Clear
Mix ratio		pbw	100	25
Density	ISO 1183	g/cm <sup>3</sup>	1.17	1.02
Viscosity at 25 °C	ISO 2555	m Pa.s	800-1200	

			EI-2500 EH-2970
Mix viscosity at 25 °C	ISO 2555	m Pa.s	
Pot life at 25 °C	500 ml	min	60
Max. layer thickness		mm	8
Demold time		h	16

#### Cured / Mechanical Properties

<b>Cure:</b> after initial hardening cure in steps up to 110°C			EI-2500 EH-2970
Appearance	visual		Clear
Density	ISO 1183	g/cm <sup>3</sup>	1.1
Glass Transition Temperature, T <sub>g</sub>	DSC	°C	110-115
Flexural strength	ISO 178	MPa	110-120
Flexural modulus	ISO 178	MPa	2800-3200

#### Processing

**The processing and material temperature should be between 18-25 °C.**

Mix the two components thoroughly in the ratio indicated.

Post-curing will improve final properties.

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### Packaging

RAKU-TOOL <sup>®</sup> EI-2500	20 kg, 200 kg, 1000 kg
RAKU-TOOL <sup>®</sup> EH-2970	5 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.

*Supplied by*

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## **AMBERCOMPOSITES**

94 Station Road, Langley Mill  
Nottingham, NG16 4BP United Kingdom  
T: +44 (0)1773 530899 F: +44 (0)1773 768687  
E: sales@ambercomposites.com  
www.ambercomposites.com

RAMPF Tooling GmbH & Co. KG  
Albstr. 37 • D-72661 Grafenberg  
T +49 (0) 7123 9342-1600  
F +49 (0) 7123 9342-1666  
E info@rampf-tooling.com

[www.raku-tool.com](http://www.raku-tool.com)

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