

Basis	aluminium filled
Resin	Repairing Paste
Hardener	Hardener for polyester
Colour	alu grey

## Applications

- Moulding tools
- Foundry patterns
- In the automotive field

## Properties

- aluminium filled
- high heat resistance

## Processing data

Product		Mixture Repairing Paste	Resin Repairing Paste	Hardener Hardener for polyester
Colour		alu grey	alu grey	white
<b>Mixing ratio</b>	<b>p. b. w.</b>		<b>100</b>	<b>1</b>
Viscosity at 25°C	mPas	Paste	thixotrop	thixotrop
Density at 20°C	g / cm <sup>3</sup>	1,46 ± 0,03	1,46 ± 0,03	1,15 ± 0,03
Pot life 200 g / 20°C	min.	5 - 15	-	-
polishable at RT after	min.	20 - 30	-	-

## Physical data

Properties	Inspect. requirem.	Unit	Value
Flexural strength	EN ISO 178	MPa	-
Flexural elongation at break	EN ISO 178	%	-
Flexural modulus	EN ISO 178	MPa	-
Flexural elongation at break	ISO 37	%	-
Impact resistance (Charpy)	EN ISO 179	kJ/m <sup>2</sup>	-
Compressive strength	EN ISO 604	MPa	-
Heat resistance (HDT)	DIN EN ISO 75 B	°C	-
Shore hardness	DIN ISO 7619-1	Shore D	-

## Sales units (packages)

Repairing Paste                      1,400 kg resin incl. hardener

## Processing instructions

The substrate should be carefully cleaned from any dirt, grease and former paint residues and down to. After 20-30 minutes curing time the paste can be grinded in dry or wet condition. Reaction substrate (wash-primer), synthetic resin or nitro-combination primer are not suitable as substrate for **ebalta** repair paste, as there would probably occur adhesion difficulties with these substrates.

## In General

**ebalta** repair paste is an aluminium containing two-component- moulding compound for repairing of defective moulds and tools made of metal or synthetic resin, as well as defective castings made of aluminium or iron. Casting voids can be filled, cracks can be cemented. Another remarkable property is the heat resistance of **ebalta** repairing paste. Suitable substrates are such as steel plate, aluminium and iron casting.

Working temperature range: 100 °C

## Storing

Storage at room temperature 18-25 °C.

Already opened containers should be closed immediately after use and should be used as soon as possible.

Information about the expiration date you find on the sales packages.

## Safety measure

Please follow the precaution instructions of the Government Safety Organisation of the chemical industry when working with this material. Please follow safety advices !

## Waste Disposal

According to arrangement with local authorities cured material can be disposed as domestic or commercial waste.

Non-cured products are waste which is subject to inspection and has to be disposed accordingly.

In case of further questions please do not hesitate to contact our Department for Product Safety.

The instructions and recommendations are given in good faith and are based on long experience and careful tests. Since the conditions of use are beyond our control, and due to versatility of applications and working methods, we can't give any guarantee. All information are non-binding and are no guarantee for special characteristics or properties of the product. Despite information given from **ebalta** the customer has to make his own tests regarding applications and processing. If any special warranty is requested, written agreement on this subject is essential.

**ebalta** Kunststoff GmbH . Erlbacher Straße 100 . 91541 Rothenburg ob der Tauber / Germany  
Tel.: +49 9861 7007-0 . Fax: +49 9861 7007-77 . info@ebalta.de . www.ebalta.de