

Basis	Laminating System
Resin	ebacryl O-1
Hardener	ebacryl SP-1 (Emulsion)
Colour	white

Applications

- gel coat for hand laminating
- Negatives
- Jigs
- Scenery for theater
- Supporting shells for heat treatment
- Supporting for laser cutting
- supporting shells
- Negative shells of clay models

Properties

- free of shrinkage
- low thermal expansion
- low exothermic character
- tools can be washed with water
- no health and safety problems

Processing data

Product		Mixture ebacryl O / SP-1	Resin ebacryl O-1	Hardener ebacryl SP-1 (Emulsion)
Colour		white	white	milky filmy
Mixing ratio	p. b. w.		2,5	1
Viscosity at 25°C	mPas	-	-	-
Density at 20°C	g / cm ³	1,9 ± 0,2	2,0 ± 0,3	-
Pot life 200 g / 20°C	min.	12 - 18	-	-
Curing time at RT	hrs.	ca. 8	-	-

Physical data

Properties	Inspect. requirem.	Unit	Value
Flexural strength	EN ISO 178	MPa	-
Flexural modulus	EN ISO 178	MPa	-
Flexural strength at breakage	EN ISO 178	%	-
Flexural strength at breakage	ISO 37	%	-
Compressive strength	EN ISO 604	MPa	-
Impact resistance (Charpy)	EN ISO 179	kJ/m ²	-
Heat resistance (Martens)	DIN 53458	°C	-
Shore hardness	DIN 53505	Shore D	-
Shore hardness	DIN 53505	Shore A	-
Coefficient of linear expansion	DIN 53752	10 ⁻⁶ K ⁻¹	ca. 11

Sales units (packages)

Storing

Storage at room temperature 10 - 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.

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