

Basis	Silicone casting compound LM
Resin	Silicone LM Comp. A
Hardener	Silicone LM Comp. B
Colour	translucent

## Applications

- Food moulds
- Baking tins
- Moulds for manufacturing chocolate
- Ice trays
- Moulds for icecream

## Properties

- addition curing
- well castable
- low viscosity
- approved according to "BfR" for foodcontact

## Processing data

Product		Mixture Silicone casting compound LM	Resin Silicone LM Comp. A	Hardener Silicone LM Comp. B
Colour		translucent	translucent	translucent
<b>Mixing ratio</b>	<b>p. b. w.</b>		<b>100</b>	<b>100</b>
Viscosity at 25°C	mPas	24000 ± 1000	28000 ± 2000	20000 ± 2000
Density at 20°C	g / cm <sup>3</sup>	1,08 ± 0,02	1,08 ± 0,02	1,08 ± 0,02
Pot life 200 g / 20°C	min.	30 - 35	-	-
Curing time at RT	hrs.	4 - 6	-	-

## Physical data

Properties	Inspect. requirem.	Unit	Value
Tensile strength / test piece type 2	ISO 37	MPa	3,8 ± 0,5
Elongation at break / test piece type S3A	DIN 53 504	%	260 ± 20
Tear resistance	ASTM D 624 B	%	17 ± 3
Shore hardness	DIN ISO 7619-1	Shore A	35 ± 2

## Sales units (packages)

Units	Comp. A	Silicone LM Comp. A	1,000 kg
	Comp. B	Silicone LM Comp. B	1,000 kg

## Processing instructions

Mix Comp. A and B according to mixing ratio.

The mixture cures at 23 °C for 4-6 hours.

In order to achieve food safety the moulds have to be postcured at 200° for 4 hrs. to make the volatile contents escaping.

For bubble free moulds evacuate the material for about 5-10 min. at 30-50 mbar.

## In General

Silicone casting compound LM is an addition curing silicone which cures at room temperature.

After curing the material is food safe according to "BfR" and can be used as baking tin, moulds for manufacturing chocolate, and so on. Any different handling of the silicone leads to expiration of license.

## Storing

Storage at room temperature 18-25 °C.

Opened containers should be closed immediately after use and should be used up as soon as possible.

Shelf life is indicated on the labels.

## 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.