

ELASTOSIL[®] M 4119 A/B

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Room Temperature Curing Silicone Rubber (RTV-2)

Pourable, addition-curing RTV-2 silicone rubber that cures at room temperature.

Main application: Making shrink-free molds with excellent reproduction accuracy.



Properties

Low viscosity

Low hardness (Shore A 20)

Easy to meter and mix due to 1:1 ratio

Short curing time at room temperature

Translucent

Non shrink cure

Easy demolding

Specific features

- Addition-curing
- Fast curing
- Low viscosity
- No shrinkage
- Two-component

Technical data

Properties Uncured

Property	Condition	A	B	Method
Color	-	-	tranlucend	-
Density	-	1.05 g/cm ³	1.05 g/cm ³	-
Viscosity, dynamic	-	3000 mPa·s	4000 mPa·s	Brookfield

These figures are only intended as a guide and should not be used in preparing specifications.

Catalyzed

Property	Condition	Value	Method
Color	-	translucent	-
Mix ratio	-	1:1 pbw	-
Pot Life up to 100000 mPas	-	7 min	-
Demoldable	-	35 min	-

These figures are only intended as a guide and should not be used in preparing specifications.

Properties Cured

After 24 hours at 23°C

Property	Condition	Value	Method
Hardness Shore A	-	20	-
Tensile strength	-	3.5 N/mm ²	ISO 37
Elongation at break	-	> 400 %	ISO 37

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All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Reproduction Molding for Foundry, Arts and Handicrafts

Application details

As a low-Shore addition-curing RTV-2 silicone rubber that cures without undergoing dimensional shrinkage, ELASTOSIL® M 4119 is extremely suitable for casting all common reproduction materials, particularly if accurate copies of models with pronounced undercuts are required. Perfect mold making material for very fast de-moldings!

Processing

ELASTOSIL M 4119 proc

Mix components A and B in a ratio of 1 : 1.

Important note:

The platinum catalyst is contained in **component A**.

Caution:

A and B components may only be used together if they have the same batch number.

Please check also our brochures and info sheets

Packaging and storage

Storage

Storage

The "Best use before end" date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Components A and B of the addition-curing grade ELASTOSIL® M 4119 A/B contain only constituents that over many years have proved to be neither toxic nor aggressive. Special handling precautions are therefore not required, i.e. only the general industrial hygiene regulations apply.

Detailed safety information is contained in each Material Safety Data Sheet, which can be obtained from our sales offices.

QR Code ELASTOSIL® M 4119 A/B



For technical, quality or product safety questions, please contact:

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