

ELASTOSIL[®] P 7950 A/B



Room Temperature Curing Silicone Rubber (RTV-2)

Kneadable, addition-curing RTV-2 silicone rubber curing to a silicone elastomer of high hardness.

Properties

- kneadable
- mixing ratio 1 : 1
- very short pot-life
- rapid cure at room temperature
- high hardness Shore A (~ 50)

Specific features

- Addition Curing
- Fast curing at room temperature
- Kneadable
- Two-component

Technical data

Properties Uncured

Property	Condition	A	B	Method
Color	-	white	light gray	-
Density	23 °C	1.26 g/cm ³	1.28 g/cm ³	DIN EN ISO 2811-1
Consistency	-	kneadable	kneadable	-

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

Properties Catalyzed A+B

Property	Condition	Value	Method
Color	-	light gray	-
Mix ratio	-	1 : 1	A : B
Pot Life	23 °C	2 - 3 min	-

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Properties Cured

Property	Condition	Value	Method
Tear strength	-	7 N/mm	ASTM D 624 B
Hardness Shore A ⁽¹⁾	-	34	DIN ISO 48-4
Hardness Shore A ⁽²⁾	-	50	DIN ISO 48-4
Tensile strength	-	2.4 N/mm ²	ISO 37 type 1
Elongation at break	-	250 %	ISO 37 type 1

¹after 30 min

²after 24 h

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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

- Insoles, Orthoses & Pelottes
- Orthotics & Prosthetics

Application details

ELASTOSIL® P 7950 A/B can be used for flexible molding applications in prosthetics.

Processing

Components A and B of ELASTOSIL® P 7950 A/B are homogeneously mixed in an A to B ratio of 1 : 1 and vulcanize rapidly at room temperature.

Detailed instructions for preparation and use are given in the brochure "Room Temperature Vulcanizing (RTV) Silicones - Material and Processing Guidelines"

Important note:

The platinum catalyst is in component A.

Caution!

Only A and B components with the same batch number may be processed together!

Packaging and 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

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code ELASTOSIL® P 7950 A/B



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

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