ELASTOSIL® P 7630 A/B

ELASTOSIL®

Room Temperature Curing Silicone Rubber (RTV-2)

Addition-curing RTV-2 silicone rubber that cures to form a soft gel.

Properties

- low viscosity
- good adhesion to polyurethane film
- has no known harmful effects
- easy metering
- easy to mix
- low density

Technical data

Properties Uncured

Property	Condition	A	B	Method
Color	-	white	skin tone	-
Density	23 °C	0.62 g/cm^3	0.62 g/cm^3	ISO 2811
Viscosity, dynamic	-	8000 mPa·s	8000 mPa·s	ISO 3219

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	-	skin tone	-
Mix ratio	-	1 : 1	A : B
Pot Life A + B gel	23 °C	30 min	-
Curing time (until final hardness is reached)	120 °C	45 min	-
Gelling time	70 °C	3 min	DIN 16945

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Properties Cured

Property	Condition	Value	Method
Penetration (hollow cone of 25 g, 5 s, test sample 85 g, curing 45 min / 120 °C)	-	180 1/10mm	DIN ISO 2137
Penetration (hollow cone of 62,5 g, 5 s, test sample 85 g, curing 45 min / 120 °C)	-	220 1/10mm	DIN ISO 2137

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Applications

- Orthopedics & Prosthetics

Application details

Production of light, external mammary prostheses with an outer skin of polyurethane film.

Processing

Components A and B must be homogenized thoroughly before use.
Components A and B are mixed in a ratio of 1 : 1, air bubbles have to be removed by evacuation.
Curing is preferably conducted at 120 °C / 1 h.
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

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

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