

ELASTOSIL[®] P 7616-160 A/B



Silicone Gels

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

Specific features

- Addition Curing
- Suitable for skin contact
- Two-component

Technical data

Properties Uncured

Property	Condition	A	B	Method
Color	-	colorless	skin tone	-
Density	23 °C	0.98 g/cm ³	0.98 g/cm ³	DIN EN ISO 2811-1
Viscosity, dynamic	-	350 mPa·s	1400 mPa·s	DIN EN 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 ⁽¹⁾	23 °C	> 6 h	DIN EN ISO 2555
Curing time	120 °C	60 min	-
Gel time	70 °C	22 min	DIN 16945

¹until A + B gel

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Properties Cured

Curing conditions: 45 min / 120 °C

Property	Condition	Value	Method
Penetration ⁽¹⁾	-	160 1/10mm	DIN ISO 2137
Penetration ⁽²⁾	-	200 1/10mm	DIN ISO 2137

¹hollow cone of 25 g, 5 s

²hollow cone of 62.5 g, 5 s

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Applications

- External Mammary Prosthetics

- Orthotics & Prosthetics

Application details

ELASTOSIL® P 7616-160 A/B is used for the production of external mammary prostheses with an outer skin of polyurethane film.

Processing

Component B must be homogenized thoroughly before use, since the color pigments tend to settle during prolonged storage. 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>.

QR Code ELASTOSIL® P 7616-160 A/B



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

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