

ELASTOSIL[®] P 7616-197 CLEAR US A/B

Room Temperature Curing Silicone Rubber (RTV-2)

The addition-crosslinking silicone rubber cures to a very soft, colorless, and translucent gel.

Properties

- Good adhesion to polyurethane films
- Low viscosity
- Non-toxic
- Easy dosage
- Easy mix control

Technical data

Properties Uncured

Property	Condition	A	B	Method
Color	-	Colorless	Colorless	-
Viscosity, dynamic	23 °C	600 mPa·s	850 mPa·s	-
Specific gravity	23 °C	0.98 g/cm ³	0.98 g/cm ³	-

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

Properties Catalyzed A+B

Property	Condition	Value	Method
Mix ratio	-	1 : 1 pbw	-
Pot Life (doubling of A + B viscosity)	23 °C	12 - 15 h	-

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

Properties Cured

Property	Condition	Value	Method
Penetration texture analyzer	-	80 g	-

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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.

Application details

The gel is used for making external breast-protheses with an outer skin of polyurethane film.

Processing

To prepare the cured gel, A and B must be mixed in the recommended mixing ratio and degassed by evacuation under vacuum. The mixture can then be used to fill the PU-films. After closing the films' filling holes, the protheses are cured at 120 °C for 1 h and demolded after cooling.

Packaging and storage

Storage

ELASTOSIL® P 7616-197 CLEAR US A/B has a shelf life of at least 18 months from its date of production when stored between -10°C and +30°C in the originally sealed container.

The 'Best use before end' date of each batch appears 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 Safety Data Sheets. They are available on request from Wacker subsidiaries.

QR Code ELASTOSIL® P 7616-197 CLEAR US A/B



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

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