

ELASTOSIL[®] LR 6250 F TRANSPARENT



Liquid Silicone Rubber (LSR)

Solvent free, free flowing, addition curing silicone rubber for textile coatings

Properties

- low viscosity for general purpose coating applications
- long pot life of ready-to-use mixture

Technical data

Properties Uncured

Property	Condition	Value	Method
Viscosity, dynamic ⁽¹⁾	-	100000 mPa·s	Brookfield

¹ 2.5 rpm

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

Properties Cured

Cure conditions: mixture 100 parts LR 6250 F + 3 parts CROSSLINKER 525, 5 min / 165°C

Property	Condition	Value	Method
Appearance	-	transparent	-
Hardness Shore A	-	36	DIN ISO 48-4
Density	-	1.07 g/cm ³	DIN EN ISO 1183-1 A
Tensile strength	-	5.0 N/mm ²	ISO 37 type 1
Elongation at break	-	350 %	ISO 37 type 1
Tear strength	-	10 N/mm	ASTM D 624 B

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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

- Airbag Coatings
- Architectural Textiles
- Artificial Leather
- Industrial Textiles
- Sleeveings
- Textiles for Protective Clothing

Application details

ELASTOSIL® LR 6250 F TRANSPARENT is a multi-purpose liquid silicone rubber for all kinds of textile coating requirements.

Processing

ELASTOSIL® LR 6250 F is processed by thorough incorporation of a crosslinker.

Recommended ratio is 100 parts of ELASTOSIL® LR 6250 F plus

- 3 parts of CROSSLINKER 525 or
- 1 part of CROSSLINKER W

Pot life at 23°C: 2-3 days

Recommended curing conditions: 3 min at 150°C or 1 min at 180°C

Adhesion of ELASTOSIL® LR 6250 F depends on substrate and can be varied by crosslinker type/amount and additives (e. g. CATALYST C05 or adhesion promoters). Preliminary testing should be carried out to determine optimum formulation and cure conditions

Packaging and storage

Packaging

This product is available in 25 kg pails, 200 kg drum kits and 930 kg IBCs.

Storage

Once opened, containers should always be resealed after use to prevent the platinum catalyst from being poisoned by amines, sulphur or phosphorus compounds.

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® LR 6250 F TRANSPARENT



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

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