

ELASTOSIL LR 3072/40 A/B US



Liquid Silicone Rubber (LSR)

Self-adhesive liquid silicone rubbers of the ELASTOSIL® LR 3072 series are paste-like, easily-pigmentable two-component compounds with extremely short curing times. Shortly after the curing process a thin oil film with lubricating properties forms on the surface of the vulcanizates. The vulcanizates are opaque and have good mechanical and electrical properties.

Properties

ELASTOSIL® LR 3072 series are primerless, selfbonding grades that adhere to various plastic substrates (e. g. PA, PBT) and metals, but not in the mold. The bonding is improved by a subsequent heat treatment process (e. g. one hour at 100 °C) or by a longer storing at room temperature. Because of the individual surface properties adhesion to the substrate must be tested before production. For further information on tested material combinations please refer to the corresponding adhesion tables which are available upon request from the responsible sales manager.

Specific features

- General purpose
- Oil bleeding
- Self-adhesive

Applications

- Connector Seals
- General Automotive Parts
- Molded Parts
- Molded Seals (Automotive)

Application details

ELASTOSIL® LR 3072 series are particularly suitable for the economical production of large series of overmolded parts (thermoplastic/elastomer), even in a comolding process (shuttle mold) under standard conditions, without any special treatment of the mold surface. They are increasingly being used to produce cable and connector seals for the automotive industry. As an oil film forms, seals can be fitted easily and fully-automatically, even when tolerances are narrow. Parts made from ELASTOSIL® LR 3072 can generally be used for technical applications without post-curing, but do not comply with regulations concerning use in the pharmaceutical and food industry.

Packaging and storage

Packaging

This product is available in 20 kg pail and 200 kg drum kits.

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.

QR Code ELASTOSIL LR 3072/40 A/B US



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

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