Technical Data
Silicone rubber ADDV-42

(Set of two components)

Description

- **Hardness Shore A 40±2**
- **Heat resistant up to max. 250 °C**
- **Superior flowability**
- **Fast, shrinkage-free vulcanisation at room temperature**
- **Good tear resistance**

ADDV-42 is a **pourable, addition-curing 2-component RTV silicone rubber particularly suitable for the reproduction of models with undercuts** using polyurethane and epoxy resins.

As both component batches are matches to each other, we only supply complete batches. It is not possible to obtain individual deliveries of silicone and catalyst.

Processing

No heat of reaction occurs during vulcanization so that even larger quantities (e.g. 10 kg) can be poured without the risk of overheating.

If heat is added during curing (e.g. in a heating cabinet or oven), the vulcanization time is reduced by half at a temperature increase of each 10 °C. The heat thus accelerates the cross-linking reaction. The maximum recommended curing temperature is 70 °C.

Caution: Cannot be processed with our Universal Colour Pastes.

We recommend a test by pouring the mixture of the two components into a limited area of the mould.

The vulcanisation interfering substances (see R&G ewiki) can be on surfaces and also in the ambient air, so it is important to use non-contaminated tools and equipment, which were not in contact with them.

Characteristics	Target value
Colour	A: Translucent B: Red
Mixing viscosity (m.Pas)	5800 ± 500
Hardness Shore A	40 ± 2
Tear strength(kN/m)	> 12.5
Tensile strength (MPa)	≥ 6.8
Elongation (%)	≥ 400
Mixing ratio	1 : 1
Processing time (min/25 °C)	30 - 50
Curing time (after h)	4 - 5
Shrinkage (%)	≤s 0,1

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