

# NEUKASIL SN 2966

Silicone modeling clay

Addition-crosslinking

# altropol

## Main features

- mixing ratio A : B = 1 : 1
- fast curing
- high accuracy of reproduction

## Applications

- molding of objects
- mold making
- auxiliaries in the field of composites such as thrust plates for prepreg, vacuum infusion and wet laminates
- dental technology
- orthopedics and audiology

## Properties in the non-crosslinked state (approx. values)

		NEUKASIL SN 2966 Comp. A	NEUKASIL SN 2966 Comp. B
Colour		white	blue
Mixing ratio	p.b.w.	100	100
Density (20 °C)	g/cm <sup>3</sup>	1.65	1.65
Viscosity (25 °C)	mPa·s	modeling clay	modeling clay

## Properties of the mixture and the cured product (approx. values)

Mixed viscosity	mPa·s		modeling clay
Pot life (100g)	minutes		3
Curing time	minutes		60
Hardness (24h)	Shore A	DIN 53505	90
Tensile strength	N/mm <sup>2</sup>	DIN 53504	*
Elongation at tear	%	DIN 53504	*
Resistance to tear propagation	N/mm	ASTM D 624 B	*

\* in progress

**Important Note: The platinum catalyst is in NEUKASIL SN 2966 Comp. A.**

## How to process the material

For the preparation of a batch being ready for processing, add the required quantity of crosslinker to the rubber and stir the compound until the mixture is free of streaks.

## **Please take care:**

The cans have to be closed immediately after use. Do not mix up the cap and the metering spoon (if you use it).

Consider the exact mixing ratio to achieve the correct setting time. Overdosage of the catalyst will not accelerate the setting process.

If NEUKASIL SN 2966 Comp. A and NEUKASIL SN 2966 Comp. B are touched with the hands before mixing, the setting time of the mixed material will be shortened.

On the other hand, latex gloves hinder the setting of silicone moulding materials. We recommend wearing vinyl gloves and/or wash hands thoroughly to remove talc residues completely.

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### **Form of delivery**

NEUKASIL SN 2966 Comp. A                      on request

NEUKASIL SN 2966 Comp. B                      on request

### **Storage**

We recommend keeping the material in tightly closed original receptacles at temperatures of 20 - 25 °C. When duly stored, the material can be used within the shelf life indicated on the labels (the first 2 digits of the batch number indicate the week, the 3rd digit indicates the year).

### **Measure of precaution**

With the aid of the current safety data sheets, which contain physical, ecological, toxicological and other data relating to safety, the user can inform himself on the safe handling and storage of the products.

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Our technical service - in words, in writing or by trials - is given according to the current state of our knowledge. It does however not relieve the customer / user from the duty to check by himself if the products supplied by us are suitable for the intended processes and purposes. Application, use and processing of the products take place beyond our control possibilities and lie therefore exclusively in the area of responsibility of the processor. Any existing property rights of third parties are to be considered. We guarantee the perfect quality of our products in accordance with our general terms and conditions of business. When handling our products you have to observe the legal rules and the rules for the industrial hygiene. As for the rest, we refer to the corresponding safety data sheets.

• 2022-02-18.1 / 12 / LW-W •

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• [www.altropol.de](http://www.altropol.de) •

• Altropol Kunststoff GmbH • Rudolf-Diesel-Straße 9 - 13 • D-23617 Stockelsdorf • Tel. +49 (0)451-499 60-0 •

• Fax. +49 (0)451-499 60-20 • E - Mail: [info@altropol.de](mailto:info@altropol.de) •