

Main features

- addition-crosslinking
- low vulcanization hardness (gel)
- pronounced inherent tackiness

Applications

- damping of sensitive component parts

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

		NEUKASIL SN 20008 Comp. A (platinum component)	NEUKASIL SN 20008 Comp. B (crosslinker component)
Colour		colourless, clear	colourless, clear
Mixing ratio	p.b.w.	100	100
Density (20 °C)	g/cm ³	0.95	0.95
Viscosity (25 °C)	mPa·s	1,050	1,050

Properties of the mixture (approx. values)

Mixed viscosity (20 °C)	mPa·s		1,050
Pot life (RT, 100 g)	minutes		50
Curing time (RT)	hours		24

Mechanical values of the cured product (approx. values)

Penetration (24 h, RT)	points	hollow cone 15 g falling rod 47.5 g measurement 5 sec.	192
Dielectric strength	kV/mm	DIN 53481	24

* RT = room temperature

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 it is homogenous. See that as little air as possible gets into the compound while stirring.

Compatibility with other materials

Certain substances inhibit or decelerate the vulcanization of NEUKASIL SN 20008 which can be noticed by tacky surfaces or surfaces containing bubbles. To these substances belong among other things condensation-crosslinking silicones, organic rubbers, plasticizers, amines, heavy-metal compounds and sulphurous substances. High air humidity and water may also lead to disturbances. Under unfavourable circumstances, it may happen that also surfaces having been in contact with the mentioned substances lead to vulcanization faults. The same applies to certain modelling materials. In case of doubt, we recommend carrying out pretrials on a small scale.

Form of delivery

NEUKASIL SN 20008 Comp. A	1 kg	5 kg	25 kg	200 kg	1000 kg
NEUKASIL SN 20008 Comp. B	0.5 kg	1 kg	25 kg	200 kg	1000 kg

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 product.

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.

• 2023-08-29.1 / 12 / LW-W •