

Main features

- extends the pot life of NEUKADUR MultiCast systems
- particularly of NEUKADUR MultiCast 1, MultiCast 2, MultiCast 5, MultiCast 6, MultiCast 8, MultiCast 10 and NEUKADUR hardener ISO 2

Applications

- production of negatives/positives
- universally for all kinds of moulds and patterns

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

		NEUKADUR MultiCast VZ
Colour		yellow
OHV		285
Viscosity 25 °C Brookfield RVT	mPa·s	900

General

NEUKADUR MultiCast VZ is a retarder which has been developed especially for the NEUKADUR MultiCast casting resin series. Furthermore, the product allows to cast higher layer thicknesses with the a/m combination because NEUKADUR MultiCast VZ reduces the heat evolution of the reaction NEUKADUR MultiCast and for example NEUKADUR hardener ISO 2 considerably, whereas the curing process however clearly decelerates with the increasing quantity of NEUKADUR MultiCast VZ added.

Properties

NEUKADUR MultiCast VZ can be added up to a ratio of 1 : 1 to for example NEUKADUR MultiCast 2. The mixing ratio of the pure NEUKADUR MultiCast VZ to the NEUKADUR hardener ISO 2 is 100 : 100. The curing process delays in a ratio of the addition of NEUKADUR MultiCast VZ to a NEUKADUR MultiCast/ISO product. Without for example NEUKADUR MultiCast 2, NEUKADUR MultiCast VZ should not be processed with the a/m hardeners.

The mixing ratio of NEUKADUR MultiCast VZ with NEUKADUR hardener ISO 1 is 100 : 80.

Example of use

- 100 p.b.w. of NEUKADUR MultiCast 2
- 50 p.b.w. of NEUKADUR MultiCast VZ
- 150 p.b.w. of NEUKADUR hardener ISO 2
- 450 p.b.w. of NEUKADUR filler B

At 20°C, the above mentioned mixture with NEUKADUR hardener ISO 2 has a pot life of 8 - 9 minutes, and at 25°C it has a pot life of 7 - 8 minutes.

Form of delivery

NEUKADUR MultiCast VZ 1 kg 5 kg 10 kg 25 kg 30 kg 200 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 products.

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.

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