

NEUKADUR MultiCast 13

2-C PUR Fast-Cast System with a longer pot life and good through-curing properties

altropol

Main features

- medium-fast curing
- low-odour
- low-viscous
- very impact resistant (after tempering)

Applications

- all kinds of moulds and patterns
- prototype and prefabricated parts

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

		NEUKADUR MultiCast 13	NEUKADUR Hardener ISO 13
Colour		milky	yellowish
Mixing ratio	p.b.w.	100	100
Density (20 °C)	g/cm ³	1.00	1.10
Viscosity (20 °C)	mPa·s	300	30

Properties of the mixture (approx. values)

Mixed viscosity	mPa·s		150
Pot life (100 g)	minutes	room temperature	9
Demoulding time depending on thickness of layer	hours		4
Hardness	Shore D	DIN 53505	68
Tensile strength	MPa	DIN 53455	25
Tensile elongation	%	DIN 53455	5
Flexural strength	MPa	DIN 53452	41
Modulus in flexure	MPa	DIN 53457	1,100
Dimensional stability under heat	°C	According to HDT	55
Impact strength			
Storage: 1 day RT	KJ/m ²	DIN 51230	12
1 h 80 °C			18
2 h 80 °C			24
4 h 80 °C			33

RT = room temperature

How to process the material

Before use, stir up NEUKADUR MultiCast 13 / NEUKADUR Hardener ISO 13 thoroughly until it has got a homogeneous appearance.

Mix both components intensively with each other at room temperature (> 20°C) according to the indicated mixing ratio.

Before casting make sure that parts and moulds are free from humidity and non-evaporated release agent.

For release agents, please visit our homepage under <http://www.altropol.de/en/produkte/weitere-produkte/trennmittel>

NEUKADUR MultiCast 13 / NEUKADUR Hardener ISO 13 are sensitive to humidity of wood.

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Form of delivery

NEUKADUR MultiCast 13	1 kg	5 kg	25 kg	200 kg	950 kg
NEUKADUR Hardener ISO 13	1 kg	5 kg	25 kg	200 kg	950 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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• www.altropol.de •

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