

NEUKADUR MultiCast 8

2-C PUR Fast-Cast System
low viscosity, longer pot life

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Main features

- low-viscous
- easy to process
- low shrinkage
- very good through-curing with a relatively long pot life

Applications

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

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

		NEUKADUR MultiCast 8	Hardener ISO 2	Unfilled mixture	Mixture filled with filler B
Colour		beige	yellowish		
Mixing ratio	p.b.w.	100	100	-	300
Density 20 °C	g/cm ³	0.95	1.10	1.05	1.6
Viscosity mPas	room temperature	124	75	100	3,000
Pot life min	room temperature			4 - 5	9 - 10

Mechanical and other specifications (approx. values)

			Unfilled mixture	Filled mixture
Hardness	Shore D	DIN 53505	70 - 75	80 - 85
Colour			beige	beige
Tensile strength	MPa	DIN 53455	33	-
Tensile elongation	%	DIN 53455	6	-
Flexural strength	MPa	DIN 53452	33	
Bending elongation	%	DIN 53452	-	
Modulus in flexure	MPa	DIN 53457	650	2,650
Impact strength	KJ/m ²	DIN 51230	14	5
Compressive strength	MPa	DIN 53454	-	80
Linear shrinkage	% approx.	500 x 50 x 25 mm	-	0.12
Demouldable at 25 °C				
4 - 5 mm	hours		-	2 - 3
30 - 40 mm	hours		-	1 - 2

How to process the material

Before use, mix NEUKADUR MultiCast 8 thoroughly until it has got a homogeneous appearance. Mix both components intensively with each other at room temperature (> 18°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 layer thicknesses of > 5 mm, we recommend the use of fillers, e. g. filler B. Furthermore, we recommend sharing out the quantity of fillers between both components.

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Form of delivery

NEUKADUR MultiCast 8	1 kg, 5 kg, 25 kg, 200 kg
NEUKADUR Härter ISO 2	1 kg, 5 kg, 25 kg, 200 kg

Storage

The material should be kept in tightly closed original receptacles at temperatures of 15 - 25 °C. When duly stored, the materials can be used within the shelf life indicated on the labels.

Measure of precaution

Users should make use of the current safety data sheets, which contain physical, ecological, toxicological, and other data relating to safety, to inform themselves on the safe handling and storage of products.

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