

NEUKADUR Fleximasse HS 75-30

2 –C PUR Casting System
Elastomer Shore A 75

altropol

Main features

- high elongation
- high restoring force
- processible by hand and machine
- very good flowability
- fast curing

Applications

- patterns for e. g. concrete casts
- production of technical parts
- moulds and patterns

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

		NEUKADUR Fleximasse HS 75-30 Comp. A	NEUKADUR Fleximasse HS 75 Comp. B
Colour		light brown	light amber
Mixing ratio	p.b.w.	100	40
Density (20 °C)	g/cm ³	1.3	1.10
Viscosity (25 °C)	mPa·s	22,000	50

Properties of the mixture (approx. values)

Colour			hellbraun
Mixed viscosity (25 °C)	mPa·s		3,000
Hardness	Shore A	DIN 53505	75
Pot life (20 °C)	minutes		30
Demoulding time (25 °C)	hours		24

Mechanical values of the cured product after 1 hour of tempering at 70 ° C and 24 hours of storage at RT (approx. values)

Tensile elongation	%	DIN 53455	450
Tensile strength	MPa	DIN 53455	7.0
Resistance to tear propagation (Test with cut-in)	N/mm	ASTM D 624 B	22

RT = room temperature

How to process the material

Stir up Fleximasse HS 75-30 Comp. A intensively. After that, mix Comp. A and B with each other until the compound is homogeneous. Then proceed to casting. Repotting helps to avoid mixing faults.

For release agents, please visit our homepage under <http://www.altropol.de/en/and-more/release-agents.html>

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Form of delivery

NEUKADUR Fleximasse HS 75-30 Comp. A	1 kg	5 kg	25 kg
NEUKADUR Fleximasse HS 75 Comp. B	0.4 kg	2 kg	10 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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