

Main features

- medium-viscous
- easy to process
- low shrinkage
- very good through-curing
- suitable for rotational casting

Applications

- production of parts

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

		NEUKADUR PN 9008 mod. 1 Comp. A	NEUKADUR PN 9008 Comp. B
Colour		neutral	yellow-brown
Mixing ratio	p.b.w.	100	60
Density (20 °C)	g/cm ³	1.28	1.20
Viscosity (25 °C)	mPa·s	3,000	100

Properties of the mixture (approx. values)

Colour			beige
Mixed viscosity (25 °C)	mPa·s		2.000
Hardness	Shore D	DIN 53505	78
Pot life (RT)	minutes		5,5
Demouldable (25 °C)	minutes	4 - 5 mm	60

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

Tensile strength	MPa	DIN 53455	*
Tensile elongation	%	DIN 53455	*
Flexural strength	MPa	DIN 53452	*
Bending elongation	%	DIN 53452	*
Modulus in flexure	MPa	DIN 53457	*
Impact strength	kJ/m ²	EN ISO 179	>100
Linear dimensional change	%	500 x 50 x 5 mm	*

*RT = room temperature

* work in progress

How to process the material

Prior to processing, homogenize NEUKADUR PN 9008 mod. 1 Comp. A thoroughly.

Then, mix NEUKADUR PN 9008 mod. 1 Comp. A / B intensively, replot the compound, if necessary, and fill it as quickly as possible into the rotational casting mould.

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

Form of delivery

NEUKADUR PN 9008 mod. 1 Comp. A	1 kg	10 kg
NEUKADUR PN 9008 Comp. B	0,6 kg	6 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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