

Main features

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

Applications

- prototyping
- production of technical parts
- moulds and patterns

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

		NEUKADUR ProtoRIM 65 S Comp. A	NEUKADUR ProtoRIM 65 S Comp. B
Colour		light beige (also available in black)	light amber
Mixing ratio	p.b.w.	100	33
Density 20 °C	g/cm ³	0.95	1.10
Viscosity 25 °C	mPa·s	2,000	100

Properties of the mixture (approx. values)

Colour			light ivory
Mixed viscosity (25 °C)	mPa·s		1,200
Density (20 °C)	g/cm ³	DIN 53479	1.02
Hardness	Shore A	DIN 53505	65
Pot life (RT)	seconds		60
Demouldable after (25 °C)	minutes		15

Mechanical values of the cured product after 7 days of storage at RT (approx. values)

Tensile elongation	%	DIN 53455	300
Tensile strength	MPa	DIN 53455	9.0
Resistance to tear propagation (test with cut-in)	N/mm	ASTM D 624 B	16
Dimensional stability under heat	°C	HDT	80
Linear dimensional change	%	500 x 50 x 25 mm	-

* RT = room temperature

How to process the material

NEUKADUR ProtoRIM 65 S Comp. A may possibly crystallize at temperatures of < 18 °C. This appearance is reversible after heating up to e. g. 30 °C (you can for example put the material on a radiator after transport). Homogenize the material thoroughly after heating.

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

Form of delivery

NEUKADUR ProtoRIM 65 S Comp. A	on request
NEUKADUR ProtoRIM 65 S Comp. B	on request

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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