

**Main features**

- metal-filled and glass-fiber-filled
- soft
- good adhesion
- thixotropic
- hardeners can be mixed with each other
- layer set-up: 2 - 4 mm

**Applications**

- PU foaming tools
- blow moulds
- wet pressing tools
- prototype injection moulding dies
- vacuum deep-drawing tools

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

		NEUKADUR KP 105	NEUKADUR Hardener BWS	NEUKADUR Hardener T 3	NEUKADUR Hardener VG L
Colour			yellowish	aluminium grey	clear
Mixing ratio	p.b.w.	100	10	10	10
Density (20 °C)	g/cm <sup>3</sup>	1.5	0.95	0.95	0.95
Viscosity (20 °C)	mPa·s	pasty	350	200	150

**Properties of the mixture and of the cured product – tempered for 3h at 120 °C (approx. values)**

			brushable	brushable	brushable
Mixed viscosity (20 °C)			brushable	brushable	brushable
Pot life (1000 g)	minutes		25	40	240
Gel time (20 °C, 1 mm)	minutes		60	80	360
Curing time (20 °C, 1 mm)	hours		5	6	36
Shore D-hardness		DIN 53505	83	83	83
Density	g/cm <sup>3</sup>	DIN 53479	1.4	1.4	1.4
Dimensional stability under heat	Martens °C	DIN 53458	120	120	120

**How to process the material**

After having mixed resin and hardener intensively, apply a 2 to 4 mm thick layer of the coupling paste NEUKADUR KP 105 by means of a long-haired brush onto the gel coat (e. g. NEUKADUR O-Paste 105) when the latter has started to gel but is still slightly tacky.

When the layer of coupling paste has just started to gel, you can apply the backfilling compound, e. g. NEUKADUR VG 105.

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

**Form of delivery**

NEUKADUR KP 105	1 kg
NEUKADUR Hardener T 3	0.1 kg
NEUKADUR Hardener BWS	0.1 kg
NEUKADUR Hardener VG L	0.1 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.

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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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