

# NEUKADUR PU RF 150

Polyurethane Foam System

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## Main features

- polyurethane foam system integral foam
- usable in unheated moulds
- low weight

## Applications

- component parts für industrial applications
- back fillings

### Properties in state upon delivery (approx. values)

		NEUKADUR PU RF 150 Comp.A	NEUKADUR PU RF 150 Comp.B
		Resin component	Hardener component
Colour		amber	brown
Density g/cm <sup>3</sup>		1.03	1.22
Viscosity mPa·s (25°C)		1,000	200

### Properties of the mixture (approx. values)

		NEUKADUR PU RF 150 Comp. A	NEUKADUR PU RF 150 Comp. B
Mixing ratio p.b.w.		100	110
Starting time (20 °C) seconds			60
Setting time / thread tension time (20°C) minutes			4 - 5
Rise time (20°C) minutes			7
Tack-free (25°C) minutes			8 - 10
Density free-rise foamed (kg/m <sup>3</sup> )			150

### How to process the material

The NEUKADUR PU RF 150 Comp. A has to be homogenized intensively prior to processing. When the batch is prepared by hand, first put component A into the mixing vessel. After having added component B, mix this batch intensively, preferably with a high-speed stirrer (approx. 1000 r.p.m.), and cast the same immediately. See that the temperature of the raw material does not fall below 20 °C. The products are highly sensitive to humidity. Tightly close receptacles after every use. The moulds for rigid integral parts should be heated to 45 – 50 °C prior to the resin injection. For free-rise foamed applications, it is not necessary to preheat the moulds.

#### Processing by hand:

Mix 750 g of NEUKADUR PU RF 150 Comp. A + 825 g of NEUKADUR PU RF 150 Comp. B for approx. 15 to 20 seconds until the compound is homogeneous. After this, pour the compound into a mould of approx. 10 l. Then close the mould.

Result: Foam with a density of approx. 150 g/l

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By increasing the quantity of the material in the mould, you can also produce foams with a density of for example up to 200 - 400 g/l. By mixing component A with NEUKADUR PU RF 150 VZ, you can prolong the pot life individually.

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### Form of delivery

NEUKADUR PU RF 150 Comp. A	1 ; 5 ; 25 ; 214 kg
NEUKADUR PU RF 150 Comp. B	1.1 ; 5.5 ; 27.5 ; 250 kg

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### 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.

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### 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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Altropol Kunststoff GmbH  
Daimlerstraße 9 · D-23617 Stockelsdorf  
Tel. +49 (0)451-499 60-0 · Fax +49 (0)451-499 60-20  
E-mail: [info@altropol.de](mailto:info@altropol.de)  
[www.altropol.de](http://www.altropol.de)

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