



**Comparison of the mechanical characteristics of different mixtures of NEUKADUR ProtoCast 115 und NEUKADUR ProtoCast VZ:**

		Pot life	Tensile strength	Tensile elongation	Flexural strength	Bending elongation	Modulus in flexure
		exothermic reaction	MPa	%	MPa	%	M Pa
100 p.b.w. NEUKADUR ProtoCast 115	100 p.b.w. NEUKADUR Hardener PTG 4	4 min	approx. 68	approx. 12	approx. 108	approx. 8	approx. 1750
	Tempering: 4 h 80 °C	100 °C					
90 p.b.w. NEUKADUR ProtoCast 115	100 p.b.w. NEUKADUR Hardener PTG 4	7 min	approx. 64	approx. 22	approx. 95	approx. 8	approx. 1640
10 p.b.w. NEUKADUR ProtoCast VZ	Tempering: 4 h 80 °C	77 °C					
75 p.b.w. NEUKADUR ProtoCast 115	100 p.b.w. NEUKADUR Hardener PTG 4	12 min	approx. 60	approx. 17	approx. 90	approx. 8	approx. 1560
25 p.b.w. NEUKADUR ProtoCast VZ	Tempering: 4 h 80 °C	71 °C					
50 p.b.w. NEUKADUR ProtoCast 115	100 p.b.w. NEUKADUR Hardener PTG 4	25 min	approx. 57	approx. 17	approx. 82	approx. 7	approx. 1520
50 p.b.w. NEUKADUR ProtoCast VZ	Tempering: 4 h 80 °C	52 °C					
25 p.b.w. NEUKADUR ProtoCast 115	80 p.b.w. NEUKADUR Hardener PTG 4	50 min	approx. 50	approx. 17	approx. 75	approx. 9	approx. 1350
75 p.b.w. NEUKADUR ProtoCast VZ	Tempering: 4 h 80 °C	38 °C					

# NEUKADUR ProtoCast VZ

Retarder for ProtoCast

# altropol

## **Form of delivery**

NEUKADUR ProtoCast VZ                      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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