

# NEUKAPOL 1565

Branched Polyester/-ether  
Universal Binder

# altropol

## Main features

- hydrophobic
- low-viscous
- high Shore D
- as PUR to a large extent stable against hydrolysis
- difficult to saponify
- high reactivity

## Applications

- 2-C PUR coatings
- casting compounds
- corrosion protection

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

		NEUKAPOL 1565
Colour		yellowish
OHV		310 ± 20
Viscosity (25°C - Brookfield RVT)	mPa·s	1,100 ± 400
Water content	%	< 0.2
Acid number		< 3

## Properties of the mixture [100 p.b.w. NEUKAPOL 1565 + 5 p.b.w. Zeolith paste + 85 p.b.w. NEUKADUR Hardener ISO 1 (approx. values after 14 days storage at room temperature) approx. values

Pot life	Minutes		20 - 30
Hardness	Shore D	DIN 53505	85
Tensile strength	MPa	DIN 53455	40
Elongation at break	%	DIN 53455	6
Flexural strength	MPa	DIN 53452	53
Resistance to tear propagation	N/mm	DIN 53515	15
Impact strength	KJ/m <sup>2</sup>	DIN 53453	14
Glass transition temp.	°C	DIN 53445	100

## Form of delivery

NEUKAPOL 1565                      1 kg                      5 kg                      25 kg                      200 kg                      1000 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.

• 2017-11-27.2 / 12 / LW-W •

• [www.altropol.de](http://www.altropol.de) •

• Altropol Kunststoff GmbH • Rudolf-Diesel-Straße 9 - 13 • D-23617 Stockelsdorf • Tel. +49 451-499 60-0 •  
• Fax. +49 451-499 60-20 • E - Mail: [info@altropol.de](mailto:info@altropol.de) •

Page 1 of 1