

# altropol

## NEUKAPOLS

Specialities based on  
renewable raw materials



NEUKAPOLS based on renewable raw materials stand out for their high hydrophobicity compared to conventional polyols on a petrochemical basis.

NEUKAPOL	Type	Functionality approx.	Mean OHV	Mean viscosity mPas/25°C	Applications
1002	slightly branched polyester/-ether	2.9	205	700	<ul style="list-style-type: none"> <li>· casting compounds</li> <li>· coatings</li> <li>· highly hydrophobic</li> <li>· tough-elastic</li> </ul>
1007	branched polyester/-ether	3.5	162	3,000	<ul style="list-style-type: none"> <li>· casting compounds</li> <li>· adhesives</li> <li>· universal binders</li> <li>· coatings</li> <li>· highly hydrophobic</li> </ul>
1008	branched polyester/-ether	3.5	162	3,500	<ul style="list-style-type: none"> <li>· casting compounds</li> <li>· adhesives</li> <li>· universal binders</li> <li>· coatings</li> <li>· highly hydrophobic</li> </ul>
1030	branched polyester/-ether	3.4	230	1,800	<ul style="list-style-type: none"> <li>· hydrophobic polyol for low-shrink casting resins</li> <li>· in combination with MDI for the production of tough-elastic compounds</li> </ul>
1083	branched polyester/-ether	3.2	160	2,500	<ul style="list-style-type: none"> <li>· casting compounds</li> <li>· coatings</li> <li>· adhesives</li> <li>· universal binders</li> <li>· highly hydrophobic</li> </ul>
1119	branched polyester/-ether	2	280	1,000	<ul style="list-style-type: none"> <li>· in combination with Neukapol 1007 or 1008 for the production of tough-elastic coatings or casting compounds with a high tensile strength</li> <li>· pot life prolonger</li> </ul>
1565	branched polyester/-ether	3	300	900	<ul style="list-style-type: none"> <li>· 2-component PUR coatings</li> <li>· casting compounds</li> <li>· high Shore D-hardness</li> <li>· hydrophobic</li> <li>· UV resistant</li> <li>· stable against hydrolysis</li> <li>· difficult to saponify</li> <li>· low-viscous</li> <li>· high reactivity</li> <li>· primary OH groups</li> </ul>
1570	branched polyester/-ether	3.4	220	1,500	<ul style="list-style-type: none"> <li>· coatings</li> <li>· casting compounds</li> <li>· universal binder</li> <li>· hydrophobic</li> <li>· good stability against hydrolysis</li> <li>· in combination with MDI a high restoring force after bending</li> </ul>

NEUKAPOL	Type	Functionality approx.	Mean OHV	Mean viscosity mPas/25°C	Applications
1582	polyester/-ether	-	530	6.000	· crosslinker · accelerator · hydrophobic
1588	slightly branched polyester/-ether	2.1	240	225	· casting compounds · coatings · pot life prolonger · hydrophobic diluent · elastifying · low reactivity
1594	polyester/-ether	-	230	150	· polyol for PUR fast-cast resins · accelerator for slowly curing PUR systems
PN 1602	branched polyester/ -ether	3.3	225	900	· 2-component PUR casting resin · hydrophobic
PN 1610	branched polyester/-ether	3.5	400	2,500	· 2-component PUR coatings · casting compounds · high Shore D-hardness · hydrophobic · UV resistant · stable against hydrolysis · medium-viscous · high reactivity · primary OH groups
PN 1622	polyester/-ether	-	245	175	· polyol for PUR fast-cast resins · accelerator for slowly curing PUR systems
PN 1630	slightly branched polyester/-ether	3.0	275	750	· casting compounds · coatings · adhesives · universal binders · hydrophobic
PN 1660	branched polyester/-ether	3.0	245	2,400	· casting compounds · adhesives · universal binders · coatings · highly hydrophobic

NEUKAPOL	Type	Functionality approx.	Mean OHV	Mean viscosity mPas/25°C	Applications
1050	slightly branched, aliphatic diol	2.2	120	600	· prepolymers · adhesives · hydrophobic plasticizing polyol · diluting · elastifying
1563	branched polyester	2.8	300	1,000	· casting compounds · coatings · PUR foams
1006	fatty acid ester	-	-	5	· non-reactive diluent · hydrophobic · lowers viscosity
1019	aromatic ether alcohol	1	370	45	· reactive diluent for PUR systems · hydrophilic · low-viscous
1081	aliphatic polyester polyol	2	60	8,000	· elasticizer

## **NEUKADUR Epoxy Resins**

- gel coats
- coupling pastes
- casting compounds
- casting resins
- laminating resins / -pastes
- infusion resins
- foam systems
- epoxy pastes

## **NEUKADUR Polyurethanes**

- fast-cast resins
- casting resins
- casting compounds, hard and flexible
- prototype casting resins
- RIM resins
- foam systems
- Altrofloor floor coating systems

## **NEUKADUR RTV-2-C Silicones**

- addition and condensation systems
- castable / brushable / high strength
- up to Shore A 65

## **AltroColor Dye Paste Systems**

- unplasticized and solvent-free dye pastes for epoxy resin- and polyurethane resin systems
- pigment pastes for oily wood preservatives and wood glazes

## **Auxiliaries and Fillers**

- metallic and mineral fillers
- EP- / PU- / glueing systems as well as auxiliaries for the infusion process
- beakers, brushes, gloves
- glass fabric
- release agent
- thixotropic agents
- detergents
- sheet wax
- polyester patching compounds
- tooling boards
- modelling compounds

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