

### TYPE

Hydroxy-functional polyester

### Average hydroxyl content (solid resin)

approx. 3.6 %

### FORM OF DELIVERY (f.o.d.)

60 % in methyl ethyl ketone (60MEK)

### RESIN COMPOSITION

(approx.)

40 % oil

### SPECIAL PROPERTIES AND USE

Vialkyd AN 661 is a branched hydroxyfunktional polyester suitable as crosslinker for aliphatic and aromatic polyisocyanates. The components react at room temperature.

Vialkyd AN 661 can be used for quickdrying, special 2 comp. PUR lacquers.

### PRODUCT DATA

#### Determined per batch:

#### Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (100 1/s; 23 °C)	[mPa.s]	50 - 90
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#### Iodine Colour Number DIN 6162

iodine colour number		<= 10
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#### Acid Value DIN EN ISO 2114

acid value (non volatile matter)	[mg KOH/g]	<= 10
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#### Non-Volatile Matter DIN 55671

non-volatile matter (120 °C; 5 min)	[%]	58 - 62
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#### Not continually determined:

#### Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	58 - 62
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#### Hydroxyl Value DIN 53240

hydroxyl value (solid matter content; potentiometric)	[mg KOH/g]	110 - 130
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#### Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	0,98
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#### Flash Point DIN EN ISO 1523

flash point	[°C]	< 5
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### DILUTABILITY

The solvents used with combinations of Vialkyd AN 661 and polyisocyanats should be absolutely free from hydroxyl groups and water.

The main diluents are propylen glycol ether acetates, like methoxypropyl acetate or esters like ethyl acetate, butyl acetate or ketones, like methyl ethyl ketone, methyl isobutyl ketone.

### COMPATIBILITY

Vialkyd VAN 661 is compatible with polyisocyanates e. g. Desmodur L, IL, HL, N (Covestro).

### STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

