

TYPE

Aqueous polyurethane dispersion, solvent-free

Neutralization agent

approx. 0.8 % N,N-dimethylethanolamine, as salt

FORM OF DELIVERY (f.o.d.)

35 % in water (35WA)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	20 - 400
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pH-Value DIN ISO 976

pH-value (10 %)		7,0 - 8,5
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	34 - 36
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Not continually determined:

Colour / Appearance VLN 250

colour		pale yellow
appearance		opaque

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm ³]	1,06
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Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	> 100
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SPECIAL PROPERTIES AND USE

Daotan VTW 6460 is a polyurethane dispersion which, without addition of paint additives, dries to a clear, defect free film at room temperature. Daotan VTW 6460 is shear stable and compatible with inert pigments.

Daotan VTW 6460 is suitable for the formulation of aqueous, ambient temperature or force dried industrial coatings - especially aqueous basecoats for the automotive industry.

STORAGE

At temperatures from 5 °C to 25 °C storage stability packed in original containers amounts to at least 450 days.

It is important to protect Daotan VTW 6460 from frost; at low temperatures it has therefore to be stored under frostproof conditions.

