

This product was previously marketed as **ADDITOL® XW 6528**. All specifications, formulations, and performance characteristics remain unchanged.

TYPE

Water dilutable, modified polyester-acrylate polymer

FORM OF DELIVERY (f.o.d.)

35 % in water (35WA)
(containing also 5.3 % butyl glycol)

Neutralization agent

1.5 % dimethyl ethanol amine, as salt

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	2000 - 15000
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pH-Value DIN ISO 976

pH-value (10 %)		7,5 - 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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Colour / Appearance VLN 250

colour		yellowish
appearance		opaque

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,03
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Flash Point (Pensky-Martens) DIN EN ISO 2719

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

ADDITOL® XW 6528 DISP is a water dilutable grinding medium which can be used for colour- and shading pigment pastes. It is compatible in waterborne air-drying and stoving alkyds, waterborne acrylic resins, UV- curing systems, anodic deposition dipping lacquers, PU- dispersions and plastic dispersions. The ADDITOL® XW 6528 DISP grinding medium is co-crosslinking in melamine and isocyanate curing systems.

It offers excellent wetting power for both inorganic and organic pigments. The pigment pastes are compatible with a wide variety of water dilutable binder systems. Special characteristics of binder systems remain unchanged by the use of ADDITOL® XW 6528 DISP. Leveling and gloss of coatings get improved.

PROCESSING

	Kronos 2310	Paliogen- red L 4120	Printex U
ADDITOL® XW 6528 DISP	24,27	50,00	60,17
deionized water	9,76	15,80	18,53
ADDITOL® VXW 6387 DISP (antisetling agent)	1,90		
Aerosil 200	0,25		
ADDITOL® VXW 6374 (wetting agent)		3,00	1,81
ADDITOL® VXW 4973 XFOAM (defoamer)	0,61	1,20	1,44
pigment	63,21	30,00	18,05
	100,00	100,00	100,00

STORAGE

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

Synthetic resins containing water may freeze or get inhomogeneous at temperatures below 0 °C. By this the product will not suffer any damage, but the necessary regeneration requires extended heat treatment at 40 - 50 °C with continuous stirring. It is therefore recommended to ensure frostproof storage of such products.

DISTINGUISHING FEATURES

Due to the co-crosslinking capability of ADDITOL® XW 6528 DISP in melamine and isocyanate systems final coatings show better chemical resistance and salt spray test results compared to any other type of waterborne grinding resin.