

degussa.

creating essentials

Product Information

▶ AERODISP® WK 7330

Aqueous dispersion of a fumed silica and a fumed mixed oxide with a high solids content and a positive zeta potential

Applications and Properties

Applications

- Sizing / coating pigment for inkjet paper* to enhance
 - Color strength (gamut and optical density)
 - Print uniformity (mottle & grain)
 - Print resolution (line growth, raggedness & blur)
 - Water fastness
 - Coefficient of friction
- Modification of electrophoretically deposited metal layers
- Anti-slip effect in textile fibers
- Flocculation aid for anionic systems

Properties

- Positively charged solid particles
- High solids content (approx. 30 wt. %)
- Nano-sized primary particles
- Superior rheological behavior
- High formulation flexibility and ease of handling

Physico-chemical Data

Properties	Unit	Typical Value
Inorganic solids content	wt. %	30 ± 1.0
pH DIN EN ISO 787/9		2.5 - 4.0
Viscosity DIN EN ISO 3219, 100 s ⁻¹ , 23 °C	mPa s	≤ 1000
Mean aggregate size d-50 value, volume	µm	0.12
Zetapotential (surface charge) DT-1200, CVI-method, at pH 3.0	mV	≥ +20
Density 20 °C	g/cm ³	1.20

The data represents typical values and not production parameters.

Appearance

- AERODISP® WK 7330 is a milky-white liquid

* For use in paper coating formulations with specific blinder systems, we recommend to age the product for four weeks (from date of manufacture). The date of manufacture can be found in the batch number (xxxYMMDDxx)

degussa.
creating essentials

Product Information

▶ AERODISP® WK 7330

Aqueous dispersion of a fumed silica and a fumed mixed oxide with a high solids content and a positive zeta potential

Applications and Properties

Applications

- Sizing / coating pigment for inkjet paper* to enhance
 - Color strength (gamut and optical density)
 - Print uniformity (mottle & grain)
 - Print resolution (line growth, raggedness & blur)
 - Water fastness
 - Coefficient of friction
- Modification of electrophoretically deposited metal layers
- Anti-slip effect in textile fibers
- Flocculation aid for anionic systems

Properties

- Positively charged solid particles
- High solids content (approx. 30 wt. %)
- Nano-sized primary particles
- Superior rheological behavior
- High formulation flexibility and ease of handling

Physico-chemical Data

Properties	Unit	Typical Value
Inorganic solids content	wt. %	30 ± 1.0
pH DIN EN ISO 787/9		2.5 - 4.0
Viscosity DIN EN ISO 3219, 100 s ⁻¹ , 23 °C	mPa s	≤ 1000
Mean aggregate size d-50 value, volume	µm	0.12
Zetapotential (surface charge) DT-1200; CVI-method; at pH 3.0	mV	≥ +20
Density 20 °C	g/cm ³	1.20

The data represents typical values and not production parameters

Appearance

- AERODISP® WK 7330 is a milky-white liquid

* For use in paper coating formulations with specific binder systems, we recommend to age the product for four weeks (from date of manufacture). The date of manufacture can be found in the batch number (xxxYMMDDxx)