

AQACeII[®] HIDE 6399 X

Polymer Dispersions for Architectural Coatings

Product description State of the art organic opacifying pigment, designed to provide opacity and whiteness to paints in architectural coatings by extending and/or improving the efficiency of TiO₂ without sacrificing interior or exterior coating properties.

Dispersion type Anionic

Properties

Physical form Liquid, dispersion

Technical data (not supply specification)	Solids content	DIN EN ISO 3251	~ 30 wt %
	pH value	DIN ISO 976	10.5 – 11.4
	Encapsulated H ₂ O		~ 22.2 wt %
	Solids by volume		~ 51.5 vol %
	Viscosity at 23 °C, 250 1/s	DIN EN ISO 3219	10 – 50 mPa·s
	MFFT		> 80 °C
	Specific gravity (Dispersion)		~ 1.03 g/cm ³
	Specific gravity (dry polymer)		~ 0.59 g/cm ³

Application

Application areas

- Exterior and interior paints
- Low and high PVC paints

Advantages

- Highly scattering organic pigment
- Biocide-free, can be used to manufacture biocide-free paints
- Compatible with silicate-containing paint formulations
- Spherical, low relative surface area leads to very low binder demand
- Pigment spacing effect which leads to increased TiO₂ efficiency
- Improved economics of paints while maintaining equal hiding power
- Broad formulation latitude: Low to high PVC paints
- Lower carbon footprint compared to TiO₂
- APEO- and NH₃-free
- Low odor

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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