

AQACell[®] HIDE 6299 na

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.

Chemical Nature

Anionic dispersion

Properties

Typical Properties

Solids content	%	30
pH		8.1 – 9.5
Solids by volume	%	51.5
Viscosity	mPa s	10 - 50

Other properties

Encapsulated H ₂ O	%	22.2
MFFT	°C	> 80
Specific gravity (wet polymer)	g/cm ³	~ 1.025
Specific gravity (dry polymer)	g/cm ³	~ 0.590

¹ DIN EN ISO 3219 (23°C, 250 1/s)

Application

Application Areas

- Exterior and interior paints
- Low and high PVC paints

Advantages

- Highly scattering organic pigment
- 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

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for AQACell HIDE 6299 na.

Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

Important

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