



Alcosperse® 787

An efficient dispersant for waterborne paints and coatings

Excellent water mark resistance

Alcosperse 787 is a novel hydrophobically modified acrylic copolymer dispersing agent developed to help formulators create innovative waterborne paints and coatings with excellent performance characteristics over competitive dispersants such as water mark resistance, alkaline and salt resistance, and other related hydrotropic effects.

Key benefits

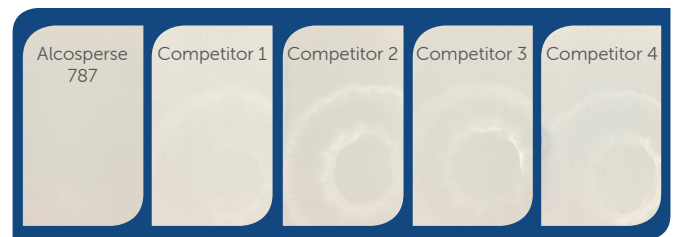
- Excellent water mark resistant performance
- Great dispersing efficiency to pigments and fillers in paint
- Better color acceptance than other dispersants in the marketplace
- Good hydrophobic properties
- Good storage stability
- Excellent choice for acrylic emulsion-based paint formulations

Applications

Alcosperse 787 demonstrates good dispersing efficiency to pigments and fillers in paint. Compared with competitive dispersants, Alcosperse 787 dispersing agent provides effective color acceptance with both inorganic and organic colorants in:

- Water-based architectural paint (interior and exterior)
- Water-based industrial paint formulation, acrylic based wood coating, metal coating and floor care

Water mark resistance test results



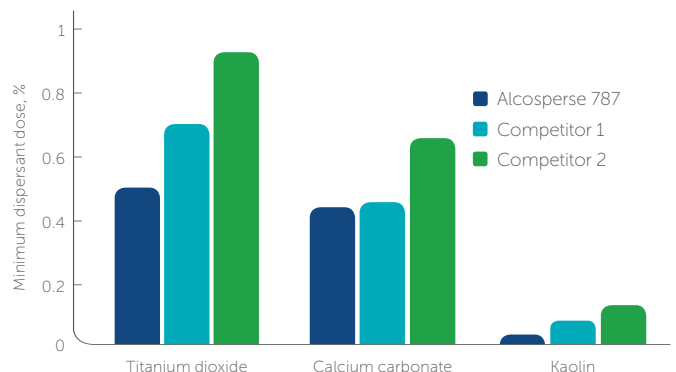
Minimum dispersant demand data

Demand curve was used to evaluate the dispersing efficiency of dispersants.

Procedure:

- Water and pigment or fillers were mixed to slurry
- Dispersants were added in 0.1-0.2 g intervals to the slurry while stirring
- Amount of dispersant and Brookfield viscosity were recorded

When reaching the lowest Brookfield viscosity, three more dispersant additions were added. The dispersant dosage at the lowest Brookfield viscosity is the minimum dosage.



Product data

Appearance, 25°C	light yellow to amber liquid
pH, 25°C	7-8
Solids, %	29-31
Solubility	soluble in water
Suggested usage	1-2% based on pigment



Contact us directly for detailed product information and sample request.
website | nouryon.com
email | paintsandcoatings@nouryon.com

Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

AThis document contains select information relating only to the product(s) and/or end use(s) identified. All information contained herein is offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to the accuracy and/or sufficiency of such information, as to the merchantability or fitness of the product(s) listed for any particular purpose, or that any suggested use will not infringe any patent. Any person using the product(s) must determine for themselves, by preliminary tests or otherwise, the suitability of the product(s) for their purposes. This disclaimer is effective to the extent allowed by law and any provisions ruled not recognized or deemed unsuitable are considered severed from the disclaimer and the remaining provisions shall continue to have the full force and effect.

Products mentioned are trademarks of Nouryon and registered in many countries.

nouryon.com