

WETTING AND DISPERSING ADDITIVE

ZETASPERSE® 3800

Widely applicable dispersing agent for waterborne formulations



ZETASPERSE® 3800 is a polymeric, slightly anionic wetting and dispersing additive suitable for all pigment and filler chemistries and all waterborne coating systems.

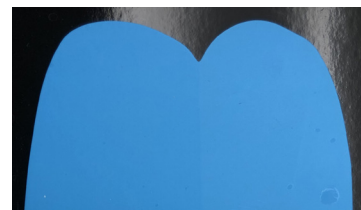
ZETASPERSE® 3800 provides outstanding color strength and stabilization. It is solvent-free and free of labeling.

Key Benefits of ZETASPERSE® 3800 (40% active matter solution)

- One dispersing agent for all kinds of pigments
- Outstanding color strength and stability
- Provides excellent viscosity reduction and dispersion stability
- Low foam contribution during grinding
- Suitable for direct grind and pigment concentrates
- Solvent-free and free of labeling



30% ZETASPERSE® 3800 (left) and 30% Competitor (right) in water, calculated on PB 15:3



30% ZETASPERSE® 3800 (left) and 30% Competitor (right) in water, calculated on PR 112



56% ZETASPERSE® 3800 (left) and 56% Competitor (right) in water, calculated on PBk7



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 **EVONIK**
Leading Beyond Chemistry

ZETASPERSE® 3800 provides viscosity reduction and minimal foam contribution which enables a smooth production process. The product is a clear liquid and suitable for both binder-free/resin-free and binder-containing systems.



ZETASPERSE® 3800 (left) and Competitor (right). 100 ml water + 0,5% dispersing additive, shaken 20 times by hand. Picture after 15 seconds.

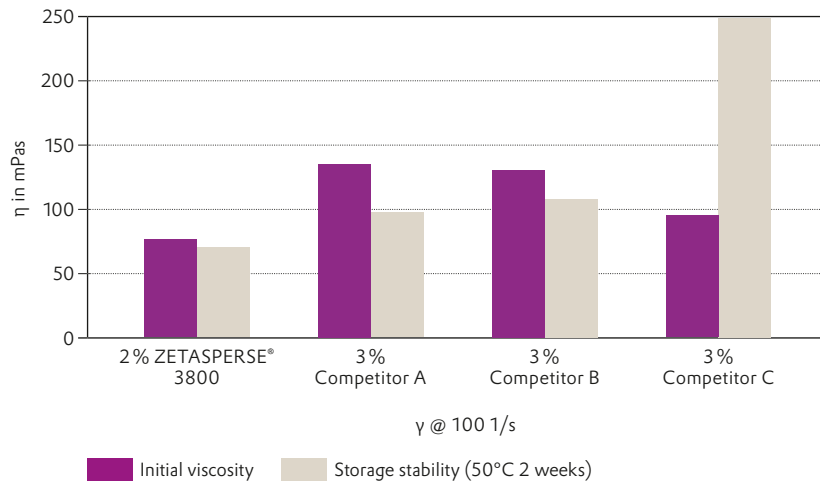
Our dispersing agent ZETASPERSE® 3800 can show the same results with reduced additive dosage compared to competitors. Less dispersing agent in a formulation leads to less negative impact on coating properties. The reduced

amount of additive needed as well as the minimal foaming tendency will replicate in cost savings and a higher performance of your coating.

RHEOLOGICAL BEHAVIOR – PW6

2% Competitor A, B and C showed hard sedimentation.

Test System:
WB Binder Free PC



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