

ZetaSperse® 3800 Dispersant



Dispersant for Aqueous Systems

Description

ZetaSperse 3800 dispersant is formulated to provide strong stabilization of pigments, fillers, and other solids in aqueous dispersion. Based on a moderate molecular weight comb polymer, ZetaSperse 3800 dispersant offers robust steric stabilization suitable for a wide range of formulation characteristics.

Features and Benefits

- Broad utility, suitable for all pigment types
- Suitable for the dispersion of fillers and other solids
- 40% active solution in water
- Clear, low viscosity liquid
- Suitable for binder-free/resin-free systems

Applications

- Dispersion and stabilization in aqueous systems
 - Pigments
 - Fillers
 - Other solids
- Colorants and pigment concentrates
- Coatings and paints
- Inks and graphic arts
- Industrial processes

Typical Properties¹

Appearance	clear, amber liquid
Viscosity @ 25 °C (mPa·s)	500
Specific Gravity @ 25 °C	1.05
Flash Point (°C)	> 100
Pour Point (°C)	10

¹These are typical properties only and do not represent sales or manufacturing specifications.

Recommended Usage

Dispersant use levels are proportional to the total pigment or particle surface area. Optimal surface coverage is typically found with 2-3 mg of active dispersant per m² of total surface area.

See FAZT.com for formulation guidance with over 1500 specific pigment grades.

Storage and Handling

Keep containers tightly closed in a dry, cool, and well-ventilated place. Mix thoroughly before use. Product is freeze-thaw stable; if frozen, warm to 20-40 °C and mix well before use.

Please refer to the MSDS for the most current information.

Shelf Life

The shelf life for this product is 24 months from the date of manufacture.

Additional Product Information

Link to [MSDS Library](#)

For more information, please contact us at:

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