

TECHNICAL DATA SHEET

RHEOSPERSE™ 3648

Grinding aids for TiO₂

TYPICAL CHARACTERISTICS

Nature	Polycarboxylate in aqueous solution
Appearance	Liquid
Solid Content (%)	45
pH	4.5
Brookfield viscosity (mPa.s)	500.00
Specific gravity	1.25

DESCRIPTION

Rheospense™ 3648 is especially designed to grind TiO₂. Rheospense™ 3648 is an acidic grinding aids suitable to produce stable and fluid slurries at medium to high solids content with a range in particle sizes from fine to ultra fine; it ensures to slurries storage stability of 1 week minimum.

RECOMMENDED ADDITION LEVEL

0.05 to 1% d/d

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC

HANDLING & STORAGE

The product should be protected from the effects of weathering and stored between 5 and 40°C. Once opened, packaging should be resealed immediately after use.

In these conditions, this product should be used within 12 months from delivery.

HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

MARKETS

Mining & Metallurgy

- Minerals
 - Calcium Carbonate
 - Titanium Dioxide

KEY BENEFITS

- Downstream market
 - Granulometry
 - Suspension stability
 - Type of use
- Coatings
Fine
< 6 months
Grinding

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Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

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