

## TECHNICAL DATA SHEET

# RHEOSPERSE™ 3648

Grinding aids for TiO<sub>2</sub>

### TYPICAL CHARACTERISTICS

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

### DESCRIPTION

Rheospense™ 3648 is especially designed to grind TiO<sub>2</sub>. 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
  - Titanium Dioxide

### KEY BENEFITS

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

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