

## TECHNICAL DATA SHEET

# TOPSPERSE™ IP D

Dispersing agent for mineral pigments and coating colors

### TYPICAL CHARACTERISTICS

Nature	<b>Sodium polyacrylate in aqueous solution</b>
Appearance	<b>Orange-yellow limpid liquid</b>
Solid Content (%)	<b>42</b>
pH	<b>8</b>
Brookfield viscosity (mPa.s)	<b>350</b>
Specific gravity	<b>1.3</b>

### DESCRIPTION

Topsperser™ IP D is a new and optimized dispersing agent for Mineral Pigments and Coating Colors. It shows Improved Pigment Dispersion. Topsperser™ IP D is a means to decrease the viscosity. It's also efficient at a wider pH range compared to other dispersants. As additive Topsperser™ IP D improves the products compatibility, controls the pigments agglomeration during coating colors make-down and avoids the viscosity shocks. Lower viscosities allow for an efficient addition of Thickeners. With a good state of dispersion and better levels of Water Retention the coating colors run-ability is excellent and the risks of blade streaks reduced. The rejects and losses at the filtration units can be decreased. Topsperser™ IP D is produced according to the highest standards of quality, security and environmental aspects in an ISO certified Arkema plant.

### RECOMMENDED ADDITION LEVEL

0.02 to 0.3 parts d/d depending on Clay nature

### STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- Bulk

### HANDLING & STORAGE

The product should be protected from the effects of weathering, stored between 5 and 40°C and protected from sun exposure. 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

#### Pulp & Paper

- Board Coating
  - Board Coating
- Paper Coating
  - Paper Coating

### KEY BENEFITS

#### MINERALS SUSPENSION

- Clay
- GCC
- PCC
- Talc



#### MINERAL PARTICLE SIZE

- Coarse
- Fine
- Extrafine



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