

## TECHNICAL DATA SHEET

# SPERSIO™ P 500 C

New generation of bio-based dispersants

### TYPICAL CHARACTERISTICS

Nature	<b>Polycarboxylate in aqueous solution, ammonium salt</b>
Appearance	<b>Brown liquid</b>
Solid Content (%)	<b>50</b>
pH	<b>8</b>
Brookfield viscosity (mPa.s)	<b>200</b>
Specific gravity	<b>1.295</b>

### DESCRIPTION

Arkema has developed a more eco friendly bio technology to reduce carbon foot print. SPERSIO™ P 500 C, a partially bio based dispersant, has been developed due to several advantages over multiple benefits. Partially Bio sourced less fossil origin materials - Higher concentration: 50% vs 42% - Lower viscosities at low temperatures, even pumpable at -5°C without heating - Easy to use with higher operating window -Contribute to aggregates reduction.

### RECOMMENDED ADDITION LEVEL

0.025 to 0.3 d/d

### STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- Bulk

### HANDLING & STORAGE

Once opened, packaging should be resealed immediately after use. The product should be protected from the effects of weathering, stored between 5 and 40°C and protected from sun exposure. In these conditions, this product should be used within 12 months from delivery.

### PROCESSING INSTRUCTIONS

Shall be introduced at the end of the coating color preparation after the pigments and the binders and prior to the pH adjustment with a diluted caustic soda.

### 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

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