P-SR300

TECHNICAL DATA SHEET

DATE: JANUARY 1, 2026

PETROCHEM – MEDIUM TEMPERATURE SYNTHETIC RETARDER 300 (POWDER)

PRODUCT DESCRIPTION

P-SR300 is a powdered synthetic cement retarder formulated to control cement hydration and extend thickening time in low to medium temperature cementing systems, maintaining slurry pumpability for effective cement placement.

APPLICATIONS

- Primary and remedial cementing operations
- Intermediate and production casing cementing
- Conventional API oilwell cement slurry systems
- Freshwater and seawater cement formulations

TECHNICAL DATA

- Provides dosage-dependent thickening-time control
- Maintains slurry pumpability during mixing and placement
- Supports consistent setting characteristics
- Compatible with common cementing additives, subject to laboratory verification
- Can be dry blended with cement or dispersed in mix water

TYPICAL PROPERTIES

- Appearance: White Powder
- Specific Gravity: 2.08
- Temperature Range: < 300°F (149°C)

RECOMMENDED TREATMENT

- Typical concentration: 0.2–1.0% BWOC
- Adjust dosage for cement composition, BHCT, and required placement time
- Thickening time and performance should be confirmed through API laboratory testing using actual cement, mix water, and additive systems prior to field application

PACKAGING

- Packaged in 40 × 50 lb (22.7 kg) sacks per pallet
- Bulk or custom packaging options available upon request

SAFETY

- Refer to the Safety Data Sheet (SDS) prior to handling or use

NOTICE

The information provided herein is offered in good faith; however, no warranties, express or implied, are made. Users are responsible for determining product suitability and performance under actual operating conditions.