



P-SR300

TECHNICAL DATA SHEET

DATE: JANUARY 1, 2026

PETROCHEM – MEDIUM TEMPERATURE SYNTHETIC RETARDER 300 (POWDER)

PRODUCT DESCRIPTION

P-SR300 is a powdered medium temperature cement retarder designed to extend thickening time, control the rate of set, and maintain slurry pumpability in cementing systems. It enables reliable slurry placement in low to medium temperature well conditions.

APPLICATIONS

- Primary and remedial cementing operations
- Freshwater and seawater slurry systems
- Low to medium temperature wells (< 149°C / 300°F)

TECHNICAL DATA

- Retards cement hydration to extend thickening time
- Controls rate of set for improved placement control
- Maintains slurry pumpability during placement
- Compatible with commonly used oilwell cements and additives
- Disperses effectively in mix water

TYPICAL PROPERTIES

- Appearance: White Powder
- Specific Gravity: 2.37
- Temperature Range: < 149°C / < 300°F

RECOMMENDED TREATMENT

- Typical concentration: 0.2 – 1.0% BWOC
- Final dosage must be confirmed through laboratory testing under actual system conditions

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.