P-R300

TECHNICAL DATA SHEET

DATE: JANUARY 1, 2026

PETROCHEM – MEDIUM TEMPERATURE RETARDER 300 (POWDER)

PRODUCT DESCRIPTION

P-R300 is a powdered oilwell cement retarder formulated to delay cement hydration and extend thickening time in medium temperature cementing systems, maintaining slurry pumpability throughout placement.

APPLICATIONS

- Primary and remedial cementing operations
- Intermediate and production casing cementing
- Slurry designs requiring extended placement time
- Freshwater and seawater cement formulations

TECHNICAL DATA

- Provides thickening time control through dosage adjustment
- Controls the rate of set to meet placement requirements
- Supports slurry stability during pumping
- Suitable for use with common cementing additives, subject to laboratory verification

TYPICAL PROPERTIES

- Appearance: Light Brown / Tan Powder
- Specific Gravity: 1.35
- Temperature Range: < 300°F (149°C)

RECOMMENDED TREATMENT

- Typical concentration: 0.5 – 1.5% 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.