



# P-R300

## TECHNICAL DATA SHEET

DATE: JANUARY 1, 2026

### PETROCHEM – MEDIUM TEMPERATURE RETARDER 300 (POWDER)

#### PRODUCT DESCRIPTION

P-R300 is a powdered medium temperature cement retarder designed to extend thickening time and control the rate of set in cementing systems up to 300°F (149°C). The additive maintains slurry pumpability and supports reliable cement placement under medium temperature conditions.

#### APPLICATIONS

- Primary and remedial cementing operations
- Medium temperature well conditions
- Intermediate and production casing cementing
- Cement slurry designs requiring extended pump time

#### TECHNICAL DATA

- Retards cement hydration to extend thickening time
- Controls rate of set for improved placement control
- Maintains slurry stability and pumpability during placement
- Compatible with freshwater and seawater systems
- Suitable for use with commonly applied cementing additives

#### 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
- 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.