



P-SR300L

TECHNICAL DATA SHEET

DATE: JANUARY 1, 2026

PETROCHEM – MEDIUM TEMPERATURE SYNTHETIC RETARDER 300 (LIQUID)

PRODUCT DESCRIPTION

P-SR300L is a liquid synthetic cement retarder designed for medium temperature cementing applications up to 300°F (149°C). The additive provides controlled retardation of cement hydration, extending thickening time while maintaining slurry pumpability and stable rheological behavior during placement.

APPLICATIONS

- Primary and remedial cementing operations
- Medium temperature cementing systems
- Intermediate casing cementing
- Cement slurry systems requiring controlled thickening time up to 300°F

TECHNICAL DATA

- Retards cement hydration to extend thickening time
- Provides predictable and controllable set-time behavior
- Maintains slurry pumpability and rheological stability
- Supports consistent slurry placement and zonal isolation
- Effective in freshwater and seawater-based slurry systems
- Compatible with commonly used cement additives

TYPICAL PROPERTIES

- Appearance: Brown Liquid
- Specific Gravity: 1.21
- Temperature Range: < 300°F (< 149°C)

RECOMMENDED TREATMENT

- Typical concentration: 0.72 lb/gal blend
- Final dosage should be determined through API laboratory testing using actual cement, mix water, and additive systems

PACKAGING

- Packaged in 4 × 55-gallon (208 L) drums per pallet

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.