



P-CSE

PRODUCT DATA SHEET

3/1/23

P-CSE (PETROCHEM - COMPRESSIVE STRENGTH ENHANCER)

TECHNICAL DATA

- P-CSE is a powdered compressive strength enhancer for use in cement slurries < 185°F.
- P-CSE creates higher early and ultimate compressive strength development.
- P-CSE is compatible with Retarders, Dispersants & Fluid-Loss Additives.
- P-CSE can be used with either Fresh or Sea Water.
- P-CSE can be added to the mix water or dry blended in the cement.

PROPERTIES

- Appearance: Light Grey (Powder)
- Specific Gravity: 1.72
- Temperature Range < 185°F

RECOMMENDED TREATMENT

- The normal concentration range of P-CSE is ~ 1-4% BWOC.
- Confirmation tests should be performed in the laboratory prior to the job.

PACKAGING

- P-CSE is packaged in 40x50 lb. Sacks per Pallet.

SAFETY

- Please read the P-CSE SDS before use.

SLURRY TEST DATA

- The Thickening Time & Compressive Strength test data below represents a system designed with P-CSE & P-SRL (Synthetic Retarder Liquid) mixed with Fresh Water & Class G Cement mixed @ 14.8 PPG.

TABLE I : THICKENING TIME & COMPRESSIVE STRENGTH SLURRY DATA (UNDER API CONDITIONS)

P-CSE (% BWOC)	P-SRL (GAL/SK)	DEPTH (FT)	SETTING TIME (MINS/HR)	COMPRESSIVE STRENGTH (HRS)	
				12 HRS	24 HRS
3.30	0.02	2700	3:00	650	1000
3.30	0.13	4600	4:00	750	1250
3.30	0.14	6100	3:25	750	1275