



# P-FLE

## TECHNICAL DATA SHEET

1/10/24

### P-FLE (PETROCHEM - FLUID LOSS ADDITIVE FOR EXTENDED SYSTEMS)

#### TECHNICAL DATA

- **P-FLE** is a powdered fluid Loss additive designed for use in low density slurries. These slurries are obtained using special lightweight cements or cement extenders. Due to the added mix water in the extended cement system high Fluid Loss values are experienced compared to conventional slurries, which results in reduced cement fill up and increased hydrostatic pressure. Conventional fluid loss additives were found to be impractical due to the large amount of product needed to obtain control.
- **P-FLE** is an effective fluid loss additive since very small quantities are required to obtain excellent values in the range of 50 to 200 ml/30 min.
- **P-FLE** increases the viscosity of the slurry limiting the slurry densities to a maximum of 14.5 PPG. Mixing difficulties can be expected if higher slurries are attempted.
- **P-FLE** has a retarding effect whereby retarders will not be required at BHCT of less than 125 deg. F. However, the high early compressive strength will be retarded, but the ultimate strength development will not be affected. Faster strength development occurs with **P-FLE** than with other powdered fluid loss additives.

#### PROPERTIES

- Appearance: Off White (Powder)
- Specific Gravity: 1.40
- Temperature Range: < 200°F

#### RECOMMENDED TREATMENT

- The normal **P-FLE** concentration ranges is ~ 0.4 - 3.5% BWOC.

#### PACKAGING

- **P-FLE** is packaged in 40 x 50 lb. Sacks / Pallet.

#### SAFETY

- Read the SDS before use.