



P-MTR3

PAGE

1 OF 2

CEMENTING SERVICE BULLETIN

9/8/12

P-MTR3 (PETROCHEM - MEDIUM TEMP. RETARDER)

TECHNICAL DATA

P-MTR3 is a powdered high temperature retarder for use in cement slurries from 125⁰F. to 310⁰F. P-MTR3 also provides a slight dispersing action in cement slurries thus aiding turbulent flow techniques.

P-MTR3 can be dry blended or readily dispersed in the mix-water to provide uniform distribution throughout the cement slurry. The normal range of use for P HTR is 0.1% to 2.5 % BWOC.

P-MTR3 is compatible with all API classes of cement although the concentration for a certain thickening time at a given depth and temperature may vary with the brand of cement. Therefore, laboratory tests with the actual cement, additives and location mix water should be tested prior to the cement job.

P-MTR3 has a slight tendency to foam the cement systems of which can be easily controlled by using P-DFL or P-AFA (Petrochem - Antifoam Agents – liquid and/or powder).

PROPERTIES

<u>PRODUCT</u>	<u>FORM</u>	<u>SP.GR.</u>	<u>PACKAGING</u>
P-MTR3	Brown Powder	1.35	50 Lb/sack.

SAFETY

Chemical goggles and dust masks are recommended while handling P-MTR3. Eye contact will result in irritation and could cause some injury to the eye, if P-MTR3 gets in the eyes wash eyes with fresh water for 15 minutes. And get medical attention. Resistant gloves are to be worn, if skin is contacted wash with soap and water. Inhalation: Move to open fresh air area, if ill effects occur, seek medical attention.



CLASS H CEMENT + P-MTR3

DENSITY: 16.5 PPG
123.43 PCF

W.R.: 5.28 GPS
1.385 CUFT/SK

THICKENING TIME UNDER A.P.I. CONDITIONS

	10,000 ft	12,000 ft	14,000 ft
% ADDITIVE	197°F	230°F	250°F
0.4	4:00	3:00	2:25

COMPRESSIVE STRENGTH

P.S.I. (24 HOURS)

ADDITIVE	230 °F	260 °F	280 °F
0.4	3,500	4,100	4,750