

Product Summary

Premium Seal is a deformable & compressible micronized cellulose fiber. The graded fibrous particles work together to create bridging action within problematic fractures. Premium Seal's unique characteristics will eliminate the "eroding and washing away" once making a seal, which is common with generic flake/granular LCM.

Physical Properties:

Appearance: Tan-Dark Brown Fibers

Specific Gravity (g/mL): Premium Seal Reg (1.48)
Premium Seal Fine (1.65)

pH in 1% solution: 6-8

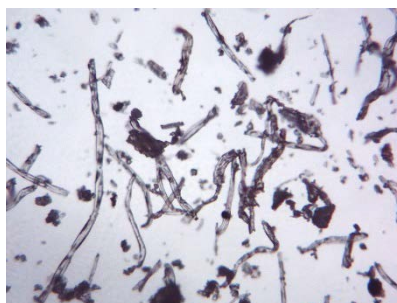
Premium Seal Regular PSD

U.S. Mesh Screen (Micron)	Product Retained, g
18 (1000μ)	17.0
35 (500μ)	30.7
60 (250μ)	23.4
100 (150μ)	14.5
120 (125μ)	4.4
140 (106μ)	3.8
200 (75μ)	4.1
270 (53μ)	1.5
400 (38μ)	0.6



Premium Seal Fine PSD

U.S. Mesh Screen (Micron)	Product Retained, g
18 (1000μ)	0.9
35 (500μ)	1.2
60 (250μ)	3.9
100 (150μ)	10.5
120 (125μ)	6.7
140 (106μ)	5.9
200 (75μ)	10.8
270 (53μ)	18.7
400 (38μ)	38.8



Recommended Treatment

- System Treatment: 4-8 ppb
- Sweeps: 10-30 ppb
- For optimal particle size range, Premium Seal Regular and Premium Seal Fine should be run as a 50/50 ratio.

Wellbore Stability Benefits:

- Improves wall cake quality.
- Aids in reducing differential sticking tendencies in pressured sands.
- Highly efficient at sealing micro-fractures while minimizing unstable wellbore conditions.
- Premium Seal Regular posses phenomenal hole cleaning capabilities which eliminates possible torque and drag while minimizing washouts.
- Easily mixed through the hopper.
- Minimal product loss over shaker screens and solids control equipment.
- Compatible mixing in all drilling fluids.

Handling and Storage

Proper PPE should be worn while handling this product. Minimize dust exposure. Please review SDS before using.

Packaging

Premium Seal (Regular and Fine) is available in 25 lb. sacks, 50 sacks/pallet.