



PELLET PLUG

**SEALING ADDITIVE – FILTRATION
REDUCER – RHEOLOGY IMPROVER**

Technical Bulletin

***PELLET PLUG** is a powerful environmental sealer used to control severe circulation loss. This product has a late sealing effect, which allows the formation of a gel caper once it's inside the crack. **PELLET PLUG** is composed of pregelatinized and bacteriologically stabilized micro fibers. Once inside the cavity it expands and sealing the crack allowing circulation.*

Typical Physical Properties

Physical Aspect Compressed fiber granules and pellets
Density 70 lb. / Ft³
PH 7.5 -8.5
Odor Neutral
Grind Size 5 / 7 mm.

Benefits

***PELLET PLUG** is totally organic, non-polluting, degrades naturally, removable in acidic media. **PELLET PLUG** does not damage or modify the productive potential of the area treated. It is compatible for use in hydrocarbon foundation or water-based drilling fluids. It is biodegradable, does not change the drilling system. **PELLET PLUG** has no synthetic fibers, acrylic or plastic that can cause blockages in pipes or pumps.*

Toxicity and management

***PELLET PLUG** is not toxic, but it is recommended to handle it as another industrial chemical, with personal protective equipment.*

Applications

***PELLET PLUG** seals severe circulation loss, it has a retardant expansion, which expands from 25 to 35 minutes. It presents a good performance to be used in directional drilling. As treatment is recommended for 30-50 lbs. / Bbl (85.6 / 142.7 Kg./m³) In extreme cases we recommend applying this product next to **FORMIX-GEL**, see data sheet, this product works by increasing the rheology and down the filtering.*

Packaging and Storage

***PELLET PLUG** comes in paper bag 25 kg of cooked reinforced pallet of 40 bags x 25 kg. Storage in dry and fresh areas is recommended.*

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