



Technical Data Sheet

FRACMAGIC

Product Description

FRACMAGIC is a specific blend of highly effective well-bore strengthening particulates designed for the high pressure sealing of fractured formations. The particulate itself is hard enough to withstand the extreme pressures encountered in fracture sealing/propping as well as hold up to particle size degradation that occurs with softer conventional LCM. **FRACMAGIC** successfully seals fracture openings of 500 microns to 3048microns (3.05mm) based on high pressure Permeability Plugging Tests at 2000psi using slotted disks as the fracture medium.

Applications: can be added continuously while drilling in an expected fracture zone as a preventative measure in order to strengthen the formation while drilling. It also can be added intermittently through sweeps and might be advisable to capture the product at the surface and recycle it. • In the event of a loss of circulation, **FRACMAGIC** can be used as a pill to seal the fracture and strengthen the wellbore. The drilling fluid is isolated in a segregated pit and **FRACMAGIC** is added directly to the drilling fluid in a relatively high concentration and spotted/squeezed into the zone

Treatments: Addition of 1-2 ppb for a continuous preventative application. An addition of 5-10 ppb, for an on-going program of repetitive sweeps, is recommended. A concentration of 30-60 ppb, for a Wellbore Strengthen Pill, is recommended

KEY BENEFITS

- **Compatible in water and oil base systems.**
- **Minimal effect on the rheological properties of the mud.**
- **Provides sealing over a very wide range of fracture openings.**

Key Properties

Bulk density, lb/ft3	55 - 58
Color	Off grey to black
Physical Form	Granular pariculate
Sg	1.84
Packaging	bulk