

MAGMA FIBER

LOST CIRCULATION MATERIALS



Description

MAGMA FIBER is a specially formulated extrusion of spun mineral fibre. The long, flexible fibres will reduce seepage and lost circulation by bridging and plugging off voids, fractures and all types of permeable formation.

Application

MAGMA FIBER is compatible with all oil and water based drilling fluids. The strong fibres interlock to provide the framework for a low permeability wall cake, the result of which is the reduction in drilling fluid loss. It can also provide extra strength to the filter cake enabling a reduction in caving. MAGMA FIBER is coated with a mono-molecular film of a specially formulated surfactant which speeds up the separation of the fibres.

Typical Physical Properties

Appearance: Light to dark grey fibres
 pH: 7.0 – 7.5
 Specific gravity: 2.6

Recommended Treatment

MAGMA FIBER can be added directly to the mud system or via the hopper.

APPLICATION	KG / M ³	LB / BBL
To regain circulation	25 – 75	8.5 – 26
To control seepage on porous formations	5 – 28	1.75 – 10
To stabilise a formation	5 – 28	1.75 – 10
To sweep the hole	5 – 28	1.75 – 10

NOTE: MAGMA FIBER can be used in concentrations of up to 90 kg / m³ (32 lb / bbl) in slug treatments. Before using MAGMA FIBER the suction screen and any internal pump screens should be removed. To maintain MAGMA FIBER in the circulating system the shaker screen and all solids control equipment should be bypassed until circulation is restored.

Advantages

- MAGMA FIBER is over 95 % acid soluble
- Non-corrosive
- Non-fermenting
- Inorganic
- Non-combustible
- Non-polluting
- Non-toxic
- Very temperature stable
- Contains no asbestos.

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

ASIA PACIFIC

Perth, Australia (Head Office)

T +61 8 9445 4000
 E amc@imdexlimited.com

Indonesia

T +62 (0) 21 759 11244

AFRICA

South Africa

T +27 (11) 908 5595

EUROPE

Germany

T +49 4402 6950-0

United Kingdom

T +44 (0) 1273 405 975

SOUTH AMERICA

Argentina

T +54 (9) 261 426 1116

Brazil

T +55 (47) 3404 5920

Chile

T +56 (2) 2589 9300

Peru

T + 51 (1) 322 8850

NORTH AMERICA

USA / Canada

T +801-364-0233

Mexico

T +52 (871) 169 2095