

Technical data sheet

BENTOCRYL 86®



Description

BENTOCRYL 86® is a solution of synthetic polymers supplied as a pale yellow to colorless viscous liquid. The dispersive and deflocculating properties exhibited with clays by BENTOCRYL 86® make it the choice additive for any bentonite based drilling mud.

Applications

BENTOCRYL 86® is the product of choice for:

- Bentonite based mud
- Bentonite/ cement slurries

Benefits

- Cost effective as small amount are required
- Powerful thinner reduce the viscosity
- Disperse heavily suspended fine particles
- Strong deflocculant agent for contaminated muds
- Improve filtrate loss properties
- Easy to use – immediate action

Physical properties

Appearance	Transparent to amber liquid
Apparent density:	0.6 – 0.7 g/cm ³
Bulk viscosity	100 – 800 mPa.s
pH of 0.2% solution :	7 – 9

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Guidelines for use

▪ **Drilling muds**

Fluidifier for bentonite slurry

0,5 to 1,0 l/m³ help to cope with excessive suspended fines or swelling clay shale terrain (inertes and actives : argile, calcaire.)

Deflocculating agent for contaminated mud

0,5 to 1,0 l/m³ are recommended to recover original mud properties.

▪ **Cement - Bentonite slurry**

Fluidifier

Addition at the end of the mixing cycles reduces efficiently the slurry viscosity.

Filtrate reducer

0,5 to 1,5 l/m³ improve filtrate loss properties

Retarder

Improved workability of B/C slurry is achieved by addition of BENTOCRYL 86 proportioning to cement content

Packaging

in 25 kg or 250kg plastic drums and 1200 kg IBC container.

Storage

Keep the product in its original closed packaging within 10-35°C and no longer than 12 months.

Related Documents

MSDS & application sheets available on demand. Contact your CLARIANT technical representative for any further information or references.

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