

BYK-GO 8721

Liquid polymer for temperature independent viscosity in offshore drilling fluids.

Product Data

Composition

Solution of an alkylammonium salt of a polycarboxylic acid

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Appearance: Viscous, amber liquid

Density (20 °C): 0.97 g/ml

Flash point: 103 °C

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Applications

Oil-Based Drilling Fluids

Special Features and Benefits

- Can be used with or without organoclay to create a “flat rheology” profile
- Easy incorporation and fast yield
- Effective in temperatures up to 177 °C

Example Performance in a C₁₆-C₁₈ Internal Olefin System Containing Organoclay

AHR 66 °C	Yield point @ 4 °C	Yield point @ 38 °C	Yield point @ 66 °C
Base mud	29	14	12
3.42 kg/m ³ BYK-GO 8721	16	14	15

Recommended Use

Synthetic, mineral and diesel based muds that will be subjected to temperatures under 177 °C. For best results, the mud system should contain oil-wet solids.

Recommended Levels

2.85-5.70 kg/m³ additions should be adequate for most formulations and drilling conditions.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

BYK-GO 8721 can be incorporated directly into the mud system. Minimal agitation is required. Pilot testing prior to use on the rig is highly recommended to avoid over treatment of the mud.



Additive Guide



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