

Technical Information

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Himosap GAS100L

Friction reducer

DESCRIPTION

Water-based product used as a friction reducer and additive for drilling fluids.

A high performance sulfonated anionic liquid polymer that, as a friction reducer, provides economic, environmental and operational benefits in hydraulic fracturing.

Better dissolution compared to emulsion and solid products.

The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

CHARACTERISTICS

Type of product	: Anionic acrylamide and AMPS copolymer in aqueous dispersion
Appearance	: White milky liquid
Ionic character	: Anionic
Density	: $\approx 1,2 \text{ g/cm}^3$
Density	: $\leq 250 \text{ ppm}$
pH	: 6,0 – 7,0
Viscosity	: $\leq 3500 \text{ cP}$
Shelf life	: We recommend not keeping the product for more than 9 months.

Note: The parameters indicated here are not necessarily the specifications of the product. These will be agreed with each customer and will be part of the contract that must be respected for each batch supplied.



APPLICATION

- It is used as a friction reducer in acid, brines, high hardness or fresh waters.
- Rheology modifier (viscosifier) for the oil industry.
- The product can be applied as is, or previously dissolved in water (by static mixer), depending on the type of application.

Consult our technical staff in case of any doubt.

BENEFITS

- Thanks to its monomeric composition, it provides excellent friction reduction in different fluids.
- Increases fluid viscosity rapidly.
- High resistance to hydrolysis. Useful for High Temperature and High Pressure systems.
- Its dissolution is pH-independent and is effective in a wide pH range.
- High tolerance to the presence of salts and minerals in the fluid.
- Easy to handle and dissolve.
- Environmentally friendly: free of oils, solvents, surfactants and volatile organic compounds (VOCs).

STORAGE AND DISTRIBUTION

- Once the container is open, avoid contamination. Check the Material Safety Data Sheet.
- Take the habitual precautions when handling a chemical product. Avoid the product to contact with eyes, skin or clothes.
- There is a great variety of containers. Check with our Customer Service in order to choose the most convenient one.

REGULATORY

Consult our technical staff in case of any doubt.