



ul. Weteranów 12
03-172 Warszawa
REGON:145824510
NIP: 524 274 66 68

TECHNICAL SHEET POLOFIX[®] HV

Product description:

POLOFIX[®] HV is a high-viscosity modified salt carboxymethylcellulose (CMC), obtained by the etherification of wood cellulose with monochloroacetic acid.

Application:

POLOFIX[®] HV is used to reduce filtration and increase the viscosity of drilling scrubbers. It works effectively in muds prepared on freshwater basis and at different concentrations of NaCl and KCl - over a wide pH range. It is stable up to 140°C and is not susceptible to bacterial fermentation. POLOFIX[®] HV is added at a rate 10-30 kg/m³ of scrubber, depending on the type and salinity of the scrubber.

Physico-chemical parameters:

Form/color	White to slightly creamy powder
Content of active substance per dry product (min) [%]	59,0
Degree of substitution	0,6
Chloride content (max) [%]	18,00
Viscosity of a 2% solution according to Höppler at 20 °C [mPas]	>500
pH of 2% aqueous solution	7,0-9,0
Bulk density [kg/dm ³]	0,4-0,6
Moisture content (max) [%]	8-10
Comminution (max) [mm]	1
Solubility in water	yes

Packaging:

POLOFIX[®] HV is packed in multi-layered paper bags with moisture protection inserts. Package size 20 kg.

The product complies with the American API standard.