

HIGH TEMPERATURE RETARDER

ACR – HT - 101

Application

(**ACR- HT 101**) is a mixture of natural polymer and organic acid. (**ACR-HT-101**) is a high temperature retarder which can be used to retard all kinds of API classes of cement and is effective in wells with temperature up to 350 °F. This additive provides excellent retardation in wells with bottom hole circulating temperature up to 350 °F. It has a dispersing effect on the slurry, increases thickening time and decreases the viscosity of the slurry. The recommended dosage is 0.05% - 0.5% (BWOC) depending on slurry's weight, well's temperature and solids to water ratio. High concentrations of this retarder and improper compound of the slurry may cause the slurry separation.

Physical and Chemical Properties

Item	Physical and Chemical Properties	
1	Physical state	Brown-White Powder
2	Odor	Specific
5	Solubility in water	soluble

Special Information

- It allows cement retardation at high temperatures.
- It increases thickening time and decreases viscosity of the slurry.
- It decreases early compressive strength.

Safety Precautions

Avoid inhalation. In case of contact with eye and skin flush with plenty of water.
It is recommended to wear mask during handling.

packaging

It is available in 25 kg, multilayer paper sacks with an interior layer.