

LOW TEMPERATURE RETARDER

ACR – LT - 101

Application

(ACR – LT - 101) is a natural polymer. It can be used to retard the setting of all classes of cement. (ACR – LT - 101) is a low temperature retarder for wells with bottom hole circulating temperatures as high as 180°F. It has a dispersing effect on the slurry, thus decreasing the viscosity. The recommended dosage is 0.1% - 0.5% (BWOC) depending on slurry's weight, well's temperature and solids to water ratio.

Physical and Chemical Properties

Item	Physical and Chemical Properties	
1	Appearance	Brown powder
2	Odor	Slight
3	Solubility in water	soluble

Special Information

- It improves the slurry displacement rates at steady pressures.
- It lowers viscosity and slightly lowers early compressive strengths.
- It increases the thickening time.
- It has a dispersing effect on cement slurries.

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.