

# AMC GUAR GUM™

## VISCOSIFIERS



### Description

AMC GUAR GUM™ is a modified natural polymer specifically used to create a low solids, biodegradable drilling fluid for use in water wells.

### Application

AMC GUAR GUM™ provides excellent viscosity, breaks down naturally and avoids mudding of water aquifers which frequently occurs when using bentonite as a mud additive.

To extend the life expectancy of a AMC GUAR GUM™ fluid, biocide should be added to prevent fermentation.

To accelerate the development of a well, sodium hypochlorite solution can be added. The addition of 10L of sodium hypochlorite per 1000L of AMC GUAR GUM™ fluid followed by surging, will assist in optimum well production.

### Typical Physical Properties

Appearance: White to yellow powder  
 Specific gravity: 1.1 – 1.3

### Recommended Treatment

APPLICATION	kg / m <sup>3</sup>	lb / bbl
Normal conditions	3 – 4	1 – 1.4
Unconsolidated formations, coarse gravels	5 – 8	1.8 – 2.8

*Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.*

### Advantages

- Effective in low concentrations
- Can be used in most makeup waters
- Environmentally acceptable.

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