

## **QUIK-GEL<sup>®</sup>**

Viscosifier

Description	QUIK-GEL® viscosifier is an easy-to-mix, finely ground (200-mesh), premium-grade, high-yielding Wyoming sodium bentonite. QUIK-GEL viscosifier imparts viscosity, fluid loss control and gelling characteristics to freshwater-based drilling fluids.				
Applications/Functions	<ul> <li>Can mix with fresh water to form a low-solids drilling fluid for general drilling applications</li> <li>Can viscosify water-based drilling fluids</li> <li>Can reduce filtration by forming a thin filter cake with low permeability</li> <li>Can improve hole-cleaning capability of drilling fluids</li> <li>Can mix with foaming agents to make "gel/foam" drilling fluids for air/foam drilling applications</li> </ul>				
Advantages	<ul> <li>NSF/ANSI Standard 60 certified</li> <li>Single-sack product and cost effective</li> <li>Can provide lubricity for drilling fluids</li> <li>Can mix easily and quickly reaches maximum viscosity</li> <li>Can yield more than twice as much mud of the same viscosity as an equal weight of API oilfield grades of bentonite</li> </ul>				
Typical Properties	• Bulk density, lb/ft <sup>3</sup> 6	Grey to tan po 8 to 72 (comp .9			
Recommended Treatment	Mix slowly through a jet mixer or sift slo high-speed stirrer.	wly into the vortex of a			
	Approximate Amounts of QUIK-GEL Viscosifier Added to Freshwater				
	Application/Desired Result	lb/100 gal	lb/bbl	kg/m <sup>3</sup>	
	Normal Drilling Conditions	15-25	6-10	18-30	
	Unconsolidated Formations	35-50	15-21	42-60	
	Make-Up For Gel/Foam Systems	12-15	5-7	14-18	

1 bbl = 42 U.S. gallons

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Additional Information	<ul> <li>Note:</li> <li>For optimum yield, pre-treat make-up water with 1-2 pounds of soda ash per 100 gallons of water (1.2-2.4 kg/m<sup>3</sup>).</li> </ul>			
Packaging	QUIK-GEL viscosifier is packaged in 50-lb (22.7-kg) multiwall paper bags.			
Availability	QUIK-GEL viscosifier can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.			
	Baroid Industrial Drilling Products			
	Product Service Line, Halliburton 3000 N. Sam Houston Pkwy. E. Houston, TX 77032			
	Customer Service	(800) 735-6075 Toll Free	(281) 871-4612	
	Technical Service	(877) 379-7412 Toll Free	(281) 871-4613	