



BARA-KADE[®] 90 - Slurry Trench and Soil Sealing Grade - 200 Mesh

Created: 05/21/98
Category: Product Data Sheet

A high quality, powdered sodium bentonite used in slurry wall construction, soil sealing and other hydraulic barriers. This product conforms to API Specification 13A, Section 9. Due to its fine particle size, it is primarily used with pugmill mixing operations in soil/bentonite liner construction.

Typical Physical Properties*

	TYPICAL	SPECIFICATION
SCREEN ANALYSIS		
Dry Screen, percent minus 200 mesh	77	
Wet Screen, percent plus 200 mesh	2	

SLURRY PROPERTIES (6% Suspension)		
Viscosity, FANN [®] 600 rpm	37	30 min
Yield - 42 gal bbl of 15 cps slurry/ton	97	
Marsh Funnel, seconds/quart	36	
Apparent Viscosity, cps	18.5	
Plastic Viscosity (PV)	12	
Yield Point, lb./100 ft ²	13	3x PV max
Filtrate, 30 minutes @ 100 psi, ml	14	15 cm ³ max
Filter cake, in.	3/32	

INDUSTRIAL PROPERTIES		
Moisture, percent	9	
Swell Index (ml)	28	
Plate Water Absorption, wt % @ 20° C/18 hr	850	
Specific Gravity	2.7	
pH, 6% suspension	9.5	
Bulk Density (lbs per ft ³) uncompacted	49	
Bulk Density (lbs per ft ³) compacted	72	

* The typical physical values listed are not to be construed as rigid specifications.
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Revision Date: August 30, 2004

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