



Bentonite Technical data Sheets

WADI API Bentonite for Oil & Gas and Water Drilling

Test	Al Wadi Result	API Specif. 13A Drilling fluid material
Viscometer Dial reading @600 rpm	30-50	30
Plastic Viscosity	5-7	YP/PV > 3
Yield Point	16-23	15
Filtrate Volume	13	4% wt Max.
Residue Greater than 75 Micron(wt)	0.5	10%
Moisture content	11	

WADI Wyoming Bentonite for Oil&Gas Drilling.

Test	Al Wadi Result
Yield BBS/2000lbs	100
Yield m3/ton	15.8
Filter losses (30min@6.4%Bentonite)	11-14ml
Moisture content @105c+-3	10 Max
Dry screen analysis % Passing 100 US Mesh	99%
PH (5% Susp.)	7-7.5
Susp. Prop. @ 6.4% Bent. Dial Reading @ 600/300rpm PV YP	30/22 8 14
Wet screen Analysis Residue on 200US mesh	1%



WADI OCMA DFCP-4 Bentonite for Civil works and Cement injection.

Test	Al wadi Result
Yield BBLs/2000lbs	40-55
Yield m ³ /ton	17.5-19.1
Filter losses (30min@6.4%Bentonite)	14-16ml
Moisture content @105c±3	10 Max
Dry screen analysis % Passing 100 US Mesh	99%
PH (5% Susp.)	8-8.5
Susp. Prop. @ 6.4% Bent. Dial Reading @ 600/300rpm PV YP	48/42 6 36
Wet screen Analysis Residue on 200US mesh	1%



WADI Mega Gel Bentonite for Construction and Civil work.

Test	Al Wadi Result	OCMA Ref. Stand DFCP-4
Yield bbls/2000lbs	106-120	100
Yield M3/ton	25-upper 25.4	16
Filter losses	14ml	15ml
Moisture content @105c+-3	11%-14%	15%
Dry screen analysis % Passing 100 US Mesh	98%-99%	98%
PH Susp. 5% Bent.	8-9	NA
Susp. Prop. @ 6.4% Bent. Dial Reading @ 600/300rpm PV YP	106/102 4 98	30/Na
March Funnel 5%	46-51 sec	
Wet screen Analysis Residue on 200US mesh	0.5%	2%
Liquid limit Plastic limit Plastic index	680 ±450% ± 540	400-500 300% 370-470



WADI Super Mega Gel Bentonite for construction and civil work.

Test	Al wadi Result	OCMA Ref. Stand DFCP-4
Yield bbls/2000lbs	180-195	100
Yield M3/ton	31.2	16
Filter losses	12-14ml	15ml
Moisture content @105c+-3	11%-14%	15%
Dry screen analysis % Passing 100 US Mesh	98%-99%	98%
PH Susp. 5% Bent.	8.5-9	NA
Susp. Prop. @ 6.4% Bent. Dial Reading @ 600/300rpm PV YP	182/178 4 174	30/Na
March Funnel 5%	>85 sec	
Wet screen Analysis Residue on 200US mesh	0.5%	2%



Filter Bentonite for Chemical, Bitumen and Ceramic industry.

Test	Al Wadi Result
Yield BLS/2000lbs	25-35
Yield m3/ton	14.1-17.1
Filter losses (30min@6.4%Bentonite)	14-16ml
Moisture content @105c+-3	10 Max
Dry screen analysis % Passing 200 US Mesh	99%
PH (5% Susp.)	8
Susp. Prop. @ 6.4% Bent. Dial Reading @ 600/300rpm PV YP	30/28 2 26
Wet screen Analysis Residue on 200US mesh	0.5%
Swilling	30cc/2gr



WADI Calcium Bentonite for agriculture and Medical industry.

This type of bentonite is nature milled to fine grain according to our client needs.

WADI Cat pellet Bentonite.

This type of bentonite with a high clumping properties is natural and with no side effects for animal use.

Packing:

The product is *packed* in 5 kg heavy duty water resistant plastic bags.

