

CHARLES B. CHRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

BENTONITE GRANULAR #40 FEED GRADE

This is a pure sodium Bentonite produced as a granular material for use as a carrier and active agent in all sorts of animal feeds. Faster weight gains and better health are notable benefits to animals using up to 3% Bentonite in the diet.

CHEMICAL ANALYSIS:

SiO ₂	60.34%
Al ₂ O ₃	19.28%
Fe ₂ O ₃	3.98%
Na ₂ O	2.34%
TiO ₂	.22%
CaO	.38%
MgO	1.67%
K ₂ O	.10%
Other	.07%

PHYSICAL ANALYSIS:

Color	Light Gray
LOI	4.37%
Moisture	Less than 10% guaranteed 6-8% typical
Density	65 lbs/ cu. ft.
Spec. Gravity	2.55
Cation Exchange Capacity	70-96 CEC meg (100 gr)
Swell	16-20 cc/2 gr.

TOXICITY ANALYSIS:

	E.P.A. Standard ppm	Typical Analysis ppm
Arsenic	5.0	<0.1
Barium	100.0	0.5
Cadmium	1.0	<0.05
Chromium	5.0	<0.1
Lead	5.0	<0.1
Mercury	0.2	<0.02
Selenium	1.0	<0.05
Silver	5.0	<0.1

PARTICLE SIZE:

Grade US Stand Mesh	% Retained
+30	Trace
30/60	78
60/100	16.7
100/200	4.9
-200	0.4