



TECHNICAL INFORMATION



CLEAR TREAT® 5100-G

Description: CLEAR TREAT® 5100-G is a specially selected and sized clay and flocculent formulation for industrial water treatment use.

Typical Characteristics:

Bulk Density (lbs/ft³):	62 ± 2
Cation Exchange Capacity (CEC meq(100gm):	80 – 105
Color:	Light Grey to Tan
Moisture Content (%):	10 Maximum
pH:	9 ± 0.5
Specific Gravity:	2.55 ± 0.1
Surface Area (m²/gm):	External Surface – 82 All Surfaces - 800
Wet Screen Analysis (% Residue on #200 Sieve):	3.0 ± 0.5

Typical Sieve Analysis:

Sieve Size	% Retained
#20	0.13
#40	22.13
#100	53.35
#200	16.31
Pan	8.08

Typical Chemical Analysis:	%
SiO ₂	60.34
Al ₂ O ₃	19.28
Fe ₂ O ₃	3.48
Na ₂ O	2.34
TiO ₂	.22
CaO	.38
MgO	1.67
K ₂ O	.10
H ₂ O	7.75
Other	.07
L.O.I.	4.37

E.P.A 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

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