



BENTONITE CLAY Typical Analysis

PROPERTIES

Property	Typical Analysis	Specification
% minus U.S. 200 mesh	67.5-80%	67.5% minimum
Moisture	5-10%	12.0% max
Swell Index	18-25 cc	18 cc min
Bulk Density (uncompacted)	53 lbs./ft ³	53 +/- 4
pH	8.9	8.5-9.5

TYPICAL CHEMICAL ANALYSIS

ELEMENT	%	ELEMENT	%
SiO ₂	64.7	CaO	1.3
Al ₂ O ₃	17.6	K ₂ O	.46
Fe ₂ O ₃	4.4	Na ₂ O	2.5
MgO	1.8	TiO ₂	.16
		H ₂ O (crystal)	5.9

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