

TECHNICAL DATA SHEET

CELATOM[®] FW-12

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

ORIGIN.....	FRESH WATER DIATOMITE	
Structure	Flux-Calcined	
Color	WHITE PINKISH	
Sieve Analysis (Tyler)		
% + 150 Mesh (> 105 microns).....	6.6	
Median Particle Diameter (microns)	24.0	
pH (10% Slurry)	9.5	
Free Moisture (Maximum % H ₂ O)	0.5	
Density:	(lb/ft ³)	(g/l)
Wet Bulk.....	21	336
Dry Bulk.....	13	224
Permeability (millidarcy)*	900	
Specific Gravity.....	2.33	

* Determined using a VEL permeameter

TYPICAL CHEMICAL ANALYSIS (TOTAL CHEMISTRY)

SiO ₂	89.00%
Al ₂ O ₃	4.10%
Fe ₂ O ₃	1.50%
CaO	0.60%
MgO	0.30%
TiO ₂	0.20%
Na ₂ O	4.00%
P ₂ O ₅	0.02%
MnO	<0.01%
K ₂ O	0.20%
Cr ₂ O ₃	<0.01%
Loss on Ignition	0.10%

Updated: 02/2017

UNCONTROLLED COPY FOR INFORMATION PURPOSES ONLY.
ALL PROPERTIES SHOWN ARE TYPICAL VALUES DETERMINED BY EP MINERALS TEST METHODS – **NOT TO BE USED FOR SPECIFICATIONS.**

Read appropriate Material Safety Data Sheet before using.
Contact EP Minerals for product specification approval.