

TECHNICAL DATA SHEET

CELATOM® MW-27

PHYSICAL AND CHEMICAL PROPERTIES

Structure	Flux-Calcined
Color	White
Brightness (Y)	90
Sieve Analysis (Tyler)	
% + 150 Mesh (> 105 microns)	---
% + 325 Mesh (> 44 microns)	1.0
Median Particle Diameter (microns)	14.9
Hegman	1.0
pH (10% slurry)	10.0
Free Moisture (Maximum % H ₂ O)	0.5
(Typical % H ₂ O)	0.2
Density:	(lb/ft ³) (g/l)
Wet Bulk	24 385
Dry Bulk	12 190
Oil Absorption (Gardner Coleman) lbs/100lbs	135
Specific Gravity	2.33
Refractive Index	1.46

CHEMICAL ANALYSIS

SiO ₂	89.5%
Al ₂ O ₃	4.1%
Fe ₂ O ₃	1.5%
CaO	0.6%
MgO	0.3%
Other Oxides	4.0%
Loss on Ignition	Nil

Updated: 01/2013

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All information shown is typical – **NOT TO BE USED FOR SPECIFICATIONS.**
Read appropriate Material Safety Data Sheet before using.
Contact EP Minerals for product specification approval.