



Data Sheet

WOLLASTONITE
DM 200#

DESCRIPTION :-

Free-flowing, super white crystalline powder

CHEMICAL ANALYSIS % :-

CaO	:	>44	MnO	:	<0.02
SiO ₂	:	>49	Na ₂ O	:	<0.05
Fe ₂ O ₃	:	<0.2	K ₂ O	:	<0.05
Al ₂ O ₃	:	<0.5	TiO ₂	:	<0.02
MgO	:	<1.2	LOI	:	<2.0

PARTICLE SIZE DISTRIBUTION (retained on wet screen)

+ 250 um	Trace
150 um	< 5%
75 um	<10%
45 um	<40%

PHYSICAL PROPERTIES :-

S.G.	:	2,9
Hardness (Mohs scale)	:	4,5
pH (10% slurry)	:	9,9
Moisture (110 °C for 2 hrs)	:	<0.05%
Sintering Temperature	:	>1150 °C
Melting Point	:	1540 °C
Whiteness	:	>90
Bulk Density	:	0.48 g/l
Aspect ratio (l/d)	:	>2:1
Coefficient of expansion (mm/mm/degC)	:	6 x 10(-6)

USES :-

Ceramics, rubber, paint, plastic, brake pads, resin, cement, insulation and compound moulding.

Completed :	T CAROLIN	Approved By _____	Approved :	S. Gregory
Title:	Quality Manager		Title :	Director
Date of Issue :	2014-06-07		Revision :	1

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