

Minspar 200TM



August 2009
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Second Edition

Minspar 200 is 200 mesh flotation grade soda feldspar used in the ceramic whiteware industry for sanitaryware, dinnerware, floor and wall tile, artware and glazes.

TYPICAL PROPERTIES

CHEMICAL ANALYSIS

SiO ₂	(%)	68.8
Al ₂ O ₃	(%)	18.2
Fe ₂ O ₃	(%)	0.07
K ₂ O	(%)	4.1
Na ₂ O	(%)	6.5
CaO	(%)	1.5
MgO	(%)	Trace
LOI.	(%)	0.3

PHYSICAL PROPERTIES

Refractive Index Average		1.53
Mohs Hardness		6.0-6.5
Mean Particle Size	(μ)	12
pH		8.7
Dry Brightness	(Green filter)	94
Specific Surface Area	(m ² /g)	0.9-1.2
Moisture Content	(%)	0.1
Bulk Density Loose	(1lb/ft ³)	44
	Packed	70
Bulk Density Loose	(kg/m ³)	7.5
	Packed	1121

PARTICLE SIZE

20 mesh	(% retained)	0.0
30 mesh	(% retained)	0.0
40 mesh	(% retained)	0.0
100 mesh	(% retained)	Trace
140 mesh	(% retained)	Trace
170 mesh	(% retained)	0.1
200 mesh	(% retained)	0.3
325 mesh	(% retained)	3.6
325 mesh	(% through)	96
% < 30	(% finer than, μ)	87.0
% < 20	(% finer than, μ)	72.0
% < 10	(% finer than, μ)	40.0
% < 5	(% finer than, μ)	19.0

Production Site

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The data quoted are determined by the use of Imerys Standard Test Methods, copies of which will be supplied on request. Every precaution is taken in production to ensure the products conform to our published data. Since the products are based on naturally occurring materials, we reserve the right to change these data should it become necessary. Sales are in accordance with our "Conditions of Sale", copies of which will be