

# Minspar 200<sup>TM</sup>

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.

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First Edition

## TYPICAL PROPERTIES

### CHEMICAL ANALYSIS

SiO <sub>2</sub>	(%)	68.6
Al <sub>2</sub> O <sub>3</sub>	(%)	18.5
Fe <sub>2</sub> O <sub>3</sub>	(%)	0.06
K <sub>2</sub> O	(%)	4.1
Na <sub>2</sub> O	(%)	6.5
CaO	(%)	1.5
MgO	(%)	Trace
L.O.I		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 <sup>2</sup> /g)		0.9 - 1.2
Moisture Content (%)		0.1
Bulk density loose		44
(1b ft <sup>3</sup> ) packed		70
Bulk density loose		705
(Kg/m <sup>3</sup> ) packed		1121

### PARTICLE SIZE

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

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 supplied on request.

[www.imerys.com](http://www.imerys.com)

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\*\* Modulus of Rupture Specimens:  
De-aired, Extruded, 50% Ball Clay, 50%  
Flint

\*\*\* Soluble SO<sub>4</sub> (ppm):  
Low - Trace to 150  
Med - 150 to 450  
High - Greater than 450