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## BENTONITE FINE POWDER

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### Product Description

Natural, non-activated bentonite, milled and air classified to give a consistent fine powder (Also known as Fuller's Earth).

### Chemical Analysis (Typical)

SiO <sub>2</sub>	60.7%	CaO	2.85%
Al <sub>2</sub> O <sub>3</sub>	18.31%	Na <sub>2</sub> O	1.56%
Fe <sub>2</sub> O <sub>3</sub>	3.95%	TiO <sub>2</sub>	0.49%
MgO	3.32%	Mn <sub>3</sub> O <sub>4</sub>	0.08%
K <sub>2</sub> O	3.14%	LOI	6.05%

### Mineralogy (Typical)

Montmorillonite	88%
Mica	5%
Feldspars	5%
Quartz	2%

### Other Properties (Typical)

Bulk Density	800 – 900 Kg/m <sup>3</sup>
Swelling Volume	11 ml/2g
Moisture Maximum	14% by weight
CEC	76 meq/100g

### Sieve Analysis

Maximum 5% retained on a 150µm sieve  
15%-25% retained on a 75µm sieve