

## **Technical Data Sheet**

### **PRODUCT**

**OPTIMATE**

### **PLANT**

Blue Pacific Minerals Ltd, North Site  
 State Highway 1, Tokoroa, New Zealand

### **DESCRIPTION**

BPM Zeolite Products are produced from quality Hydrated Ca-Na-K Aluminosilicates / mordenite and clinoptilolite zeolite

### **TYPICAL APPLICATION**

**Animal Feed:** As a feed and toxin binder, animal feed additive: 1.25-5% inclusion rate, chemical & probiotic carrier / improving feed conversion

### **TYPICAL CHEMICAL ANALYSIS – XRF - %**

SiO <sub>2</sub>	71	Na <sub>2</sub> O	2.0
Al <sub>2</sub> O <sub>3</sub>	13	K <sub>2</sub> O	4.0
Fe <sub>2</sub> O <sub>3</sub>	1.2	TiO	0.2
MgO	0.6	LOI	6.5
CaO	1.5		

### **TYPICAL PHYSICAL PROPERTIES**

Bulk density	0.53-0.65gm/cm <sup>3</sup>
Porosity	60%
Slurry pH	8.65 (10% aq. suspension)
CEC	100-120meq/100gm
Moisture Content	8-12%
Surface area	120-130m <sup>2</sup> /gm
Pore size	7 Angstroms
Colour	Off white
Absorbency	Water 65-80%
	Oil 60ml/100gm

Grade	Particle Size Range	
	(mm)	Typical % within
Z1 DAB – Optimate	0-1	99
Z1 DBC - Carrier	1-2	95

### **PACK**

- 20kg polypropylene bags
- 25kg multiwall paper bags
- 600-850kg bulk bags by arrangement

#### Disclaimer

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