



# High Quality Egyptian Rock Phosphate – Technical Datasheet

30.45% *P2O5* – 66.54% *BPL*

<i>Chemical composition</i>	<i>Units (%)</i>
P2O5	30.45
BPL	66.54
CaO	47.60
MgO	0.19
Fe <sub>2</sub> O <sub>3</sub>	0.85
Al <sub>2</sub> O <sub>3</sub>	0.37
Cl	0.03
F	3
H <sub>2</sub> OSiO <sub>2</sub>	4.77
CO <sub>2</sub>	7.33
CaCO <sub>3</sub>	16.63
Na <sub>2</sub> O	0.43
K <sub>2</sub> O	0.04
SO <sub>3</sub>	1.44
Moisture	4.14
Organic Matter	0.53
Solubility in 2% Citric Acid	44.21
Solubility in 2% Formic Acid	82
Solubility in 6% HCl Acid	71
T.C.P	66

<i>Sieve Analysis</i>	
Mesh Size	Unit (%)
4	1.5
4-100	77.6
100-200	18.5
200-270	1.4
>270	1.0

<i>Physical Properties</i>	
Fluidity	Free Flowing

- Before the commencement of loading, a pre-loading inspection by SGS or an equivalent inspection entity will be carried out.