



# High Quality Egyptian Rock Phosphate – Technical Datasheet

32.97% *P2O5* – 72.17% *BPL*

<i>Chemical composition</i>	<i>Units (%)</i>
P2O5	32.97
BPL	72.17
CaO	49.12
MgO	0.42
Fe <sub>2</sub> O <sub>3</sub>	0.82
Al <sub>2</sub> O <sub>3</sub>	0.53
Cl	0.03
F	3.05
H <sub>2</sub> O	1.75
R <sub>2</sub> O <sub>3</sub> (Al&Fe)	1.35
SiO <sub>2</sub>	3.85
CO <sub>2</sub>	2.78
CaCO <sub>3</sub>	15.6
Na <sub>2</sub> O	0.56
K <sub>2</sub> O	0.21
SO <sub>3</sub>	1.22
Organic Matter	1.97
Solubility in 2% Citric Acid	62
Solubility in 2% Formic Acid	93

<i>Sieve Analysis</i>	
Mesh Size	Unit (%)
4	1.6
4-100	76
100-200	19.5
200-270	1.6
>270	1.3

<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.