



Egyptian Rock Phosphate – Technical Datasheet

29.12% *P2O5* – 63.36% *BPL*

| <i>Chemical composition</i> | <i>Units (%)</i> |
|--------------------------------|------------------|
| P2O5 | 29.12 |
| BPL | 63.36 |
| CaO | 46.73 |
| MgO | 0.87 |
| Fe ₂ O ₃ | 0.91 |
| Al ₂ O ₃ | 0.68 |
| Cl | 0.30 |
| F | 2.76 |
| H ₂ O | 2.43 |
| SiO ₂ | 7.00 |
| CO ₂ | 5.02 |
| CaCO ₃ | 13.65 |
| Na ₂ O | 0.50 |
| K ₂ O | 0.58 |
| SO ₃ | 1.34 |
| Moisture | 3.96 |
| Organic Matter | 1.09 |
| Solubility in 2% Citric Acid | 32 |
| Solubility in 2% Formic Acid | 45 |
| Solubility in 6% HCl Acid | 67 |
| T.C.P | 62.23 |

| <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.