



We are the mine exploiter and supplier of rock phosphate in the west Asia region with more than 1,000,000,000 Tons reserves. The purity of our P₂O₅ is about 24-33% which can be delivered according to requested purity.



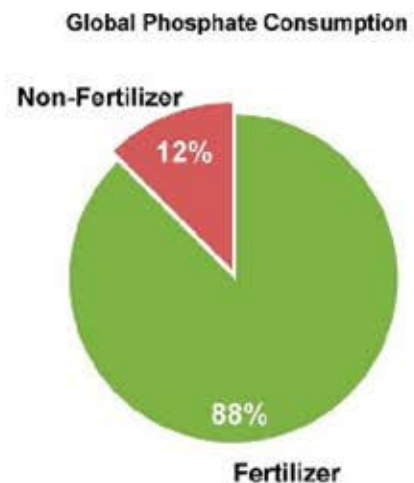
Applications:

Near about 90% of total rock phosphate manufactured in the world are used for manufacturing Fertilizers. However, the application of rock phosphate is not limited to Fertilizer manufacturing.

Extraction of phosphor element, metal surface improvement, water treatment, paper manufacturing plants, fire distinguisher, and ... are some other applications and consumptions of rock phosphate.



Phosphate Fertilizer



Mining Process:



◀ Drilling & Blasting ▼



◀ Exploitation ▼



◀ Crushing ▼



Logistic Process:

Flotation & Beneficiation



Loading

Railway transportation



Silos & Sea Port

Loading Facilities



Product Specifications and Grades:

Chemical Analysis:		G4	G6	G7	G9	Unit
Bone Phosphate Lime	BPL	64-66	63-64	62-64	63-64	Percent
Phosphorus (V)Oxide	P2O5	29.3-30.2	28.8-29.3	28.4-29.3	28.8-29.3	Percent
Calcium Oxide	CaO	48-50	48-50	48-50	48-50	Percent
Iron (III)Oxide	Fe2O3	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	Percent
Aluminum (III)Oxide	Al2O3	0.10-0.15	0.10-0.15	0.10-0.15	0.10-0.15	Percent
Magnesium Oxide	MgO	0.50-0.80	0.70-1.00	0.70-1.10	0.70-1.00	Percent
Silicon Dioxide	SiO2	7.5-9	7.5-9	7-9	7.5-9	Percent
Fluorine	F	2-4	2-4	2-4	2-4	Percent
Chlorine	Cl	800-1200	800-1200	800-1300	800-1200	p.p.m
Carbon Dioxide	CO2	7-9	7-9	7-9	5-7	Percent
Losses of Ignition	LOI	7-8	7-8	7-8	7-8	Percent
Humidity	H2O	5-7	5-7	4-6	2-4	Percent

Minor Ingredients:											
Mat.	G4	G6	G7	G9	Unit	Mat.	G4	G6	G7	G9	Unit
Cu	10-15	10-15	10-15	10-15	p.p.m	Zn	140-200	140-200	140-200	140-200	p.p.m
Cd	6-10	4-8	5-8	6-10	p.p.m	Hg	<0.1	<0.1	<0.1	<0.1	p.p.m
As	<2	<2	<2	<2	p.p.m	V	70-150	70-150	70-150	70-150	p.p.m
Pb	<2	<2	<2	<2	p.p.m	Ni	10-15	10-15	10-15	10-15	p.p.m
U	10-70	10-70	10-70	10-70	p.p.m	Bi	0.01-0.05	0.01-0.05	0.01-0.05	0.01-0.05	p.p.m
P2O5 Solubility:											
P2O5 Solubility in Citric Acid 2							35-40		Percent		
P2O5 Solubility in Formic Acid 2							55-65		Percent		

Typical Screen Analysis:					
ASTM Mesh No.	Micron	G4	G6	G7	G9
+18	+1000 μ	4-6%	3-5%	3-5%	4-6%
+35	+500 μ	5-10%	5-10%	5-10%	5-10%
+230	+40 μ	70-80%	70-80%	70-80%	70-80%
-230	-40 μ	5-7%	5-7%	5-7%	5-7%
Remark: Each degree of P2O5=2.185 degree of BPL.					

Technical Inspection:

During the loading process, sampling will be done by one of the well-known International Third Party Inspection Companies and the completion process of vessel loading, also will be done under their supervision





Enquiry

According to our customer request, we can submit the competitive price on the basis of EXW, FOB, CFR or any other terms which can be mutually agreed. We have also an option for the companies who are the manufacturer of Phosphoric Acid or Fertilizers, We can barter our Rock Phosphate with their products. The details of this option can be discussed just in case, For any request, please send us an official email consisting of requested grade(s), amount(s) and your requested delivery term in addition of the introduction of your esteemed company.