



**ALPHA STONE**  
for grinding & packing  
calcium carbonate

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**CHEMICAL ANALYSIS FOR PHOSPHATE ROCK (28% P<sub>2</sub>O<sub>5</sub>)**

<b><u>ASSAY</u></b>	<b><u>RESULT %</u></b>
P <sub>2</sub> O <sub>5</sub>	28.00
CAO	47- 49
MGO	0.35 - 0.45
FE <sub>2</sub> O <sub>3</sub>	2.00 - 2.50
AL <sub>2</sub> O <sub>3</sub>	0.35 - 0.55
K <sub>2</sub> O	0.05 - 0.065
NA <sub>2</sub> O	0.35 - 0.50
SIO <sub>2</sub>	7.00 – 9.00
SO <sub>3</sub>	1.50 - 2.50
F	2.50 – 3.50
CL	0.04 – 0.07
L.O.I	6.5-7.50
CO <sub>2</sub>	5.00 – 5.50
ORG.MATT.	0.15-0.25
H <sub>2</sub> O	4-6

<b><u>SIZE ANALYSIS</u></b>	<b><u>RESULT %</u></b>
+ 4.50	00-2.00
- 4.50 + 100	70-80
-100+200	10-15
-200+270	3-5
-270	5-8

**From 0 to 5mm**