



**ALPHA STONE**  
For grinding & packing  
Calcium carbonate  
**ISO 9001 2015**  
CERTIFIED

**AS-9**

**NATURAL CALCIUM  
CARBONATE POWDER**



**Applications**

Ceramic Industry  
Putties  
Fertilizers  
Construction

Alpha Stone Calcium Carbonate Powder is known by its highest purity and whiteness with low iron, silica and magnesium percentages

**Typical Chemical Properties %**

CaCO <sub>3</sub>	99.8
CaO	55.6
MgO	0.15
Fe <sub>2</sub> O <sub>3</sub>	0.003
Al <sub>2</sub> O <sub>3</sub>	0.002
SiO <sub>2</sub>	0.01 - 0.03
L.O.I	44.02

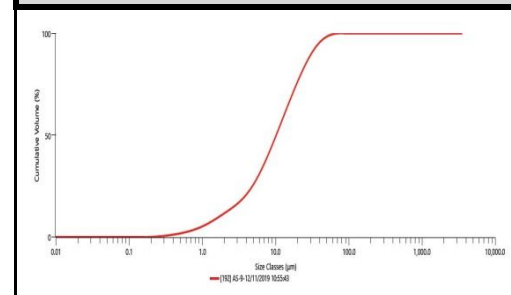
**PSD (Malvern)**

D97 (μ)	44±2
D50 (μ)	10±0.5
<2μ %	11±1

**Typical physical Properties %**

Brightness ( RY)%	96±1
Yellow index%	4 Max
Refractive index %	1.59
PH value (787/9)	9Max
Losse bulk density	0.925±0.025gm/100cm <sup>3</sup>
Hardness in Mohs*	3
Moisture	0.2%Max

**Particle size distribution**



**Packing**

25-50 Kg	Plastic/Paper Bags
1.375 Ton	Jumbo Bags

Technical Data Sheet

Factory: Egypt- El Minya- industrial zone –El-Motahra  
HQ Office :66 Mohamed Farid Abo Haded St., Nasr city , Cairo  
Tel: (+2) 0862290004 – 0869202737 - 022876613  
Fax: (+2) 0862290005 - 022876613  
Mobile : (+2) 01001050113 -01227348893- 01003405080



المصنع : مصر- محافظة المنيا –المنطقة الصناعية –المطاهرة  
المقر الإداري: 66 شارع محمد فريد أبو حديد - القاهرة - مدينة نصر  
ت: (+2) 0862290004 – 0869202737 – 022876613  
فاكس: (+2) 0862290005 - 022876613  
موبايل: (+2) 01001050113 -01227348893- 01003405080

Website: www.alphastone-eg.com  
Email: alphastone.factory@yahoo.com