



*Silver Stone Industries*



# SILVER STONE INDUSTRIES

**FILLERS & EXTENDERS**

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# CALCIUM CARBONATE

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## Calcium Carbonate Powder

## Grade: CALPET A

High quality pure white Calcite Powder, processed under strict quality control parameters.

Physical Properties	Units	Range	Remarks
Brightness	%	92 ~ 98	Depending upon particle size
Whiteness	%	93 ~ 99	Depending upon particle size
Specific Gravity		2.60 ~ 2.80	
Moisture	%	0.05 ~ 0.10	
pH	%	9.5 ~ 10.5	
Bulk Density	gms / cc	0.80 ~ 1.20	Depending upon particle size
Oil Absorption	%	15 ~ 22	Depending upon particle size

Chemical Properties	Units	Range
CaCO <sub>3</sub>	%	94 ~ 97
MgCO <sub>3</sub>	%	2 ~ 2.5
CaO	%	52 ~ 55
MgO	%	1 ~ 1.5
Fe <sub>2</sub> O <sub>3</sub>	%	< 0.50
SiO <sub>2</sub>	%	1.5 ~ 3.0
Al <sub>2</sub> O <sub>3</sub>	%	< 0.50
L.O.I.	%	40 ~ 45

### Applications



Plastic Industry



PVC Pipes



Masterbatch



Polymer



Paint Industry

### Particle Size Analysis

Particle Size (D-97)	Micron	45 ~ 10
Particle Size (D-50)	Micron	10 ~ 3

### Remarks

- Packaging available in 25Kg ~ 1 Tonne Jumbo PP Bags (as per client requirement)



## Calcium Carbonate Powder

## Grade: CALPET R

High quality pure white Calcite Powder, processed under strict quality control parameters.

Physical Properties	Units	Range	Remarks
Brightness	%	92 ~ 95	Depending upon particle size
Whiteness	%	93 ~ 96	Depending upon particle size
Specific Gravity		2.60 ~ 2.80	
Moisture	%	0.05 ~ 0.10	
pH	%	9.5 ~ 10.5	
Bulk Density	gms / cc	0.80 ~ 1.20	Depending upon particle size
Oil Absorption	%	15 ~ 20	Depending upon particle size

Chemical Properties	Units	Range
CaCO <sub>3</sub>	%	88 ~ 90
MgCO <sub>3</sub>	%	3 ~ 5
CaO	%	49 ~ 51
MgO	%	1.5 ~ 2.5
Fe <sub>2</sub> O <sub>3</sub>	%	< 0.50
SiO <sub>2</sub>	%	5 ~ 7
Al <sub>2</sub> O <sub>3</sub>	%	< 0.50
L.O.I.	%	41 ~ 43

### Applications



PVC Pipes



Paint Industry



Fiber Board

### Particle Size Analysis

Particle Size (D-97)	Micron	45 ~ 10
Particle Size (D-50)	Micron	10 ~ 3

### Remarks

- Packaging available in 25Kg ~ 1 Tonne Jumbo PP Bags (as per client requirement)



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