

Material Details: WS-02

Processing Technology

Purified CaCO_3 to be processed by advanced technology and longtime experience. Our products in high, constant quality & customized products. Ultra – fine grinding system has been designed as closed circuit with new generation special classifier which enables to manufacture different particle sizes to meet any requirements form : $D_{50} = 1\mu\text{m}$ upwards.

	<u>Chemicals Analysis</u>	<u>Result</u>	<u>Unit</u>
1.	CaCO_3	≥ 98.70	%
2.	Fe_2O_3	≥ 0.01	%
3.	Al_2O_3	≥ 0.01	%
4.	SiO_2	≥ 0.02	%
5.	MgO	≥ 0.1	%

	<u>Physical Analysis</u>	<u>Result</u>	<u>Unit</u>
1	PH Value	6-8	
2	Brightness	96.8	%
3	Whiteness	97.9	%
4	Moisture	0.10	%
5	Density	2.7	g/cm^3
6	Hardness (Mohs)	3	

Particle Size Analysis [Specific]

1	D97	$= 20 \mu\text{m} \pm 2$
2	D50	$= 4.5 \mu\text{m} \pm 0.5$