

## COATED CALCIUM CARBONATE

### COATED 800 MESH

#### Description And Applications

Natural Superfine Calcium Carbonate powder based on a very white and pure crystalline  $\text{CaCO}_3$  raw material and specially coated by an organic agent which transforms the surface of the inorganic particles into an organic one, thus achieving full compatibility of the filler to the resin. It's brightness value enables formulators to economize in Titanium Dioxide. The abrasive index of this calcium carbonate powder is exceptionally low due to the purity of the raw material, the fineness of its particles and the coating of its surface. Pars Sepid Fam's products manufactured from white and pure crystalline limestone/calcium carbonate; produced by the most advanced technological plants of Hosokawa Alpine, Germany.

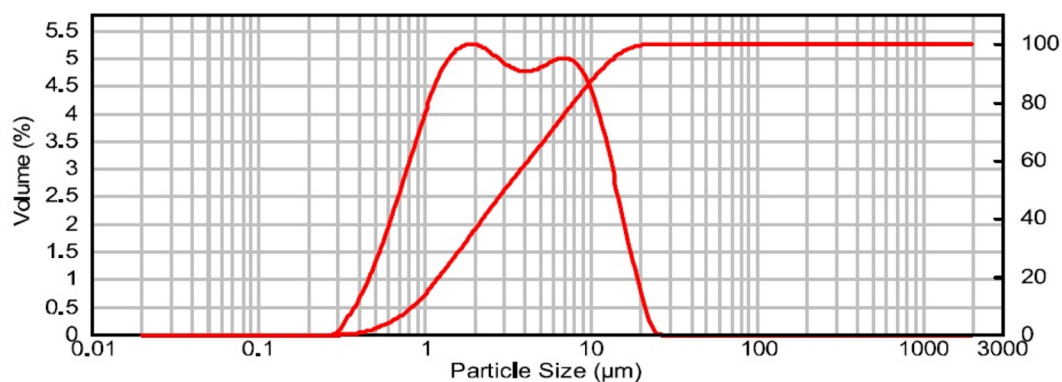
#### Chemical Analysis Of The Raw Material

Whiteness	98%	PH value	9
Density	2.7 $\text{gr}/\text{cm}^3$	Packed bulk density	1.1 $\text{gr}/\text{ml}$
Hardness (Mohs)	3	Oil absorption	22 $\text{gr}/100\text{gr Max}$
Moisture (Ex-work)	0.20%		

#### Fineness

Particle Size Distribution from Malvern Mastersizer 2000 ver. 5.22 (on uncoated material)

Sieving residue (45 $\mu\text{m}$ )	< 0.10 %	Top cut (d 98%)	11.5 $\pm 0.5 \mu\text{m}$
Mean particle size (d 50%)	3 $\mu\text{m}$	Particles < 2 $\mu\text{m}$	35%



Note: Our products of  $\text{CaCO}_3$  powder are tailored to your demands in terms of particle size and fineness.

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