

DESCRIPTION AND APPLICATIONS

Surface coated, very fine, Calcium Carbonate powder obtained from high purity, very white limestone with the highest technology. used in several Plastic applications such as PVC pipes, mould elements Master patch, cables industries, Rubbers and leather industries, etc

CHEMICAL ANALYSIS

CaCO₃	99.20%
CaO	55.68%
MgO	0.01%
Fe₂O₃	0.03%
SiO₂	0.12%
Al₂O₃	0.02%
L.O.I	44.15%
HCl insoluble content	0.20 %

SPECIFICATION AND PRODUCT DATA

Fineness:	
Top cut (d97)	15 µm +/- 0.5 µm
Mean particle size (d50)	3.5 um +/- 0.2 µm
Particles under 2 µm	35 %

PHYSICAL CHARACTERISTICS

Whiteness%	96.0%
Brightness %	96.0%
Moisture	0.20 %Max
Hardness by Moh's	3 Moh's
Specific gravity	2.73 g/cm³

GENERAL PRODUCT DATA

Bulk density	0.9 g/ml
pH value	9 (Iso787/9)
Oil absorption	14.5 g/100g (Iso787/5)
DOP absorption	17.00 g/100g (Iso787/5)
Stearic acid	0.8%

