



شرکت کاسپین پلیمر
تولید کننده انواع استابلایزر و روان کننده های صنعتی

Caspian Polymer Co. Technical Data Sheet

Filler: Calcium Carbonate

Code: CCCF - 501

Description:

Calcium Carbonate is a chemical, non-flammable, non-irritant and of low toxicity compound. In terms of chemical composition, minerals Calcium carbonate (CaCO_3) is mainly dominated. It has multiple physical properties with good low – temperature flexibility and strength. Its solved parameter is nearly the same as PVC and it has good affinity with PVC. Under right procession condition, it can form a network composition inside of hard PVC finished products and gives them good, normal, low-temperature strength.

Specification:

Appearance	: Powder
Color	: Snow white
Physical Properties	: 8.50 – 9.40
Specific Gravity	: 2.68 – 2.71 gr / cm^3
Moisture	: 0.5 % Max.
Refractive Index	: 1.63 – 1.66
Diameter at 10 %	: 0.63 μ
Diameter at 50 %	: 2.14 μ
Diameter at 97 %	: 8.27 μ

Chemical Composition	
Chemical	wt%
CaO	55.16
Fe ₂ O ₃	0.05 Max
MgO	0.50
SiO ₂	0.50 Max
Al ₂ O ₃	0.10
So ₃	0.05
Na ₂ O	0.10
k ₂ O	0.05
Soluble in water	0.15 Max
Insoluble in HCL	0.50 Max
L.O.I	43.50

Area of Application:

PVC pipe, wall cover, ceiling production and Painting Industry

Packing Details:

Lined with a 25 kg Polypropylene bags

www.caspian-polymer.com

E-mail : info@caspian-polymer.com
Sales : marketing@caspian-polymer.com
Management : Management@caspian-polymer.com

Hafez St, Dehkhoda Blvd, Caspian Industrial Town, Qazvin-IRAN
Tel : (+98) 283 284 81 50 - 2 Fax : (+98) 283 284 81 53