

CS18T

Description & Applications:

CS 18T is a fine particle size, high brightness calcium carbonated derived from pure limestone. It is characterized by its high whiteness. CS 18T is used in PVC Pipes, PVC compounds, and other plastic applications.

Chemical Composition and Physical Properties:

CHEMICAL COMPOSITION		PHYSICAL PROPERTIES	
CaCO ₃ Content	: 99 % Min.	Whiteness	: 96.0 % Min. (DIN 6174)
MgCO ₃ Content	: 0.20 % Max.	Refractive index	: 1.59 % .
Fe ₂ O ₃ Content	:0.01 % Max.	Humidity	: 0.2 % Max.
AL ₂ O ₃ Content	:0.04 % Max.	Hardness (Mohs)	: 3.00
SiO ₂ Content	:0.01 % Max.	Density of CaCO ₃	: 2.730 g/cm ³
Na ₂ O Content	:0.05 % Max.	PH	: 9 (ISO 787/9)
CaO Content	:56.06% Max.	Oil absorption	: 23 ml/100g (ISO 787/5)
L.O.I	43.89 % Max.:	Bulk Density	: 0.7 g/ml (ISO 787/11)

Particle Size

Particle Size Distribution by Mastersizer 3000:

Item codes	Main Particle Size (D50)	Top Cut (D97)	Percentage below 2 mic
CS 18T	5.5 mic	25 mic	18%

