

## CS 15

### **Description & Applications:**

**CS 15** is a fine particle size, high brightness calcium carbonated derived from pure limestone. It is characterized by its high purity and whiteness. **CS 15** is used in several applications ceramic, rubber, and glass industries.

CHEMICAL COMPOSITION		PHYSICAL PROPERTIES	
CaCO <sub>3</sub> Content	: 99.2 % Min.	whiteness	: 96.5 % Min. (DIN 6174)
MgCO <sub>3</sub> Content	: 0.20 % Max.	Yellow index	: 0.70 % .
Fe <sub>2</sub> O <sub>3</sub> Content	0.01 % Max.:	Humidity	: 0.2 % Max.
AL <sub>2</sub> O <sub>3</sub> Content	0.04 % Max.:	Hardness (Mohs)	: 3.00
SiO <sub>2</sub> Content	0.01 % Max.:	Bulk Density	0.7 g/ml (ISO 787/11)
Na <sub>2</sub> O Content	0.05 % Max.:	PH	: 9 (ISO 787/9)
CaO Content	56.06% Max.:	Oil absorption	: 17 ml/100g (ISO 787/5)
L.O.I	:43.89 % Max.	Coating	: 1.2%

### **Chemical Composition and Physical Properties:**

### **Particle Size**

Particle Size Distribution by **Mastersizer 3000:**

Item codes	Main Particle Size (D50)	Top Cut (D97)	Percent below 2 mu
CS 15	6.8 Mu	40 Mu	15%

