

Technical Data Sheet

SunTan CR50-AS

Titanium Dioxide (and) Aluminum Hydroxide (and) Triethoxycaprylsilane
CAS# 13463-67-7 (and) 21645-51-2 (and) 2943-75-1

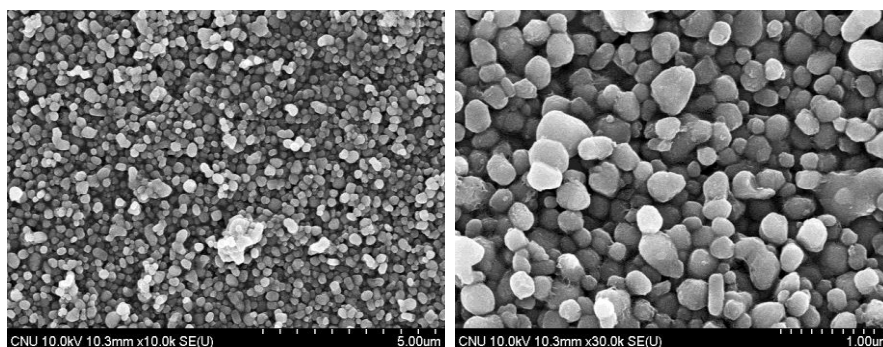
Description

SunTan CR50-AS is triethoxycaprylsilane coated titanium dioxide, rutile type by chloride process, for cosmetic uses. It has various good properties especially for cosmetics, including excellent dispersibility with other powders & pigments, good stability and good affinity to the skin.

Specifications

Item	Specification
Appearance	White powder
Identification	The Sample solution: a yellowish red color develops.
Titanium Dioxide (%)	90.0 ~ 100.0
Heavy Metals	
Pb (ppm)	≤ 20
As (ppm)	≤ 10
Hg (ppm)	≤ 1
Sb (ppm)	≤ 10
Cd (ppm)	≤ 5
Loss on drying (%)	≤ 1.0
Microbial count (cfu/g)	≤ 100

SEM (Scanning Electron Microscope) Images



Applications

It is mainly used for make-up formulations and color cosmetics, etc.

Storage

Store in a dry and well-ventilated place. Keep container tightly closed. Keep away from incompatible materials.