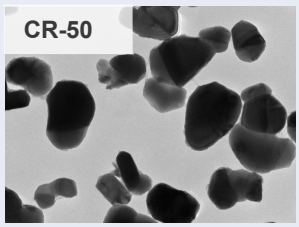
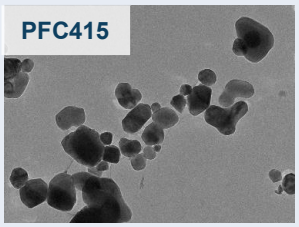
New Cosmetic-Grade Pigment PFC415

PFC415 is a non-coated pigmentary titanium dioxide by chloride process for cosmetic application. It is characterized by **lower coverage** and a **bluish white tone** compared to conventional pigmentary TiO_2(ex. CR-50).

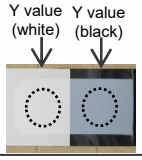
	CR-50	PFC415
Manufacturing Method	Chloride	Chloride
Shape	Spherical	Spherical
Crystal Form	Rutile	Rutile/Anatase (R=ca. 80%)
Surface Treatment	$Al(OH)_3$	None

	CR-50	PFC415
TEM image		
Primary particle size (Mean, Volume-based)	ca. 250nm	ca. 160nm
100nm or less[%] (Number-based)	ca. 11%	ca. 32%

Color & Coverage:

Grade	CR-50	PFC415
Particle size	250nm	160nm
Coating film color* (Black substrate)		
L	57.1	**55.1**
a	-1.2	**-1.2**
b	-4.5	**-9.2**
Coverage(%)	38.8	37.9

*Evaluation method
Vehicle: Acryl-Melamine, Concentration: PWC 3.3%, Film thickness: 9μm
Coverage[%]= Y value(black)/Y value(white) ×100





PFC415

INCI Name/CAS No:
Titanium Dioxide/
13463-67-7

Packaging:
・25kg/bag

Appearance:
・White powder

Applications:
・Foundation etc.

Environmental features:
・Natural Origin Index:1.00
(ISO 16128)

Other Information:
・EU REACH : registered
・NMPA: registered

Complies with the following regulations:
・E171
・FDA(CFR)
・JSQI

ISK Local Insight, Global Impact

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