

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT					
Trade Name:	Reflex™ Rutile Real Gold N-203S*					
Manufacturer:	CQV Co., Ltd. 144, Seongjung-Ro, Jincheon-Eup, Jincheon-Gun, Chungbuk-Do, Korea Tel. 82-43-531-2500, Fax. 82-43-536-0314					
Date Prepared:	Rev. 1, February 18th, 2013					
1. Appearance:	Lustrous Yellowish, Free-flowing Powder					
2. Ingredients and Composition						
Ingredients	Composition	By Weight (%)			CAS No.	CI No.
Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	55	-	72	12001-26-2	77019
Tin Oxide	SnO_2	0	-	1	18282-10-5	77861
Iron Oxide	Fe_2O_3	14	-	22	1309-37-1	77491
Titanium Dioxide	TiO_2	14	-	22	13463-67-7	77891
3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		9	-	45		
4. pH:	7.0 - 11.0			(10% Aqueous Suspension)		
5. Loss on Drying:	0.5 % max.					
6. Loss on Ignition:	0.5 % max.					
7. Density (g/cm^3)	2.9 - 3.2					
8. Oil Absorption (g/100g)	69 - 89					
9. Acid Soluble Substances:	2.0 % max.					
10. Trace Elements:	Mercury (Hg)			1 ppm max.		IEC 62321
	Lead (Pb)			10 ppm max.		
	Cadmium (Cd)			1 ppm max.		
	Hexavalent Chromium(Cr^{6+})			5 ppm max.		