

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT						
Trade Name:	Reflex™ Natural Fine Gold N-501D						
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:	Fine Silk White, Free-flowing Powder						
2. Ingredients and Composition							
	Ingredients	Composition	By Weight (%)		CAS No.		
					CI No.		
	Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	49	-	60	12001-26-2	77019
	Tin Oxide	SnO_2	0	-	1	18282-10-5	77861
	Titanium Dioxide	TiO_2	40	-	50	13463-67-7	77891
3. Particle Size (μm):		Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
			5	-	25		
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)	3.1 - 3.4						
8. Oil Absorption (g/100g)	58 - 78						
9. Acid Soluble Substances:	2.0 % max.						
10. Trace Elements:	Mercury (Hg)				1 ppm max.		
	Lead (Pb)				10 ppm max.		
	Cadmium (Cd)				1 ppm max.		
	Hexavalent Chromium(Cr^{6+})				5 ppm max.		
					IEC 62321		