

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT					
Trade Name:	Reflex™ Brilliant Gold R-601S					
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. 3, February 18th, 2013					
1. Appearance:	Lustrous Yellowish, Free-flowing Powder					
2. Ingredients and Composition						
Ingredients	Composition	By Weight (%)			CAS No.	EINECS
Synthetic Fluorophlogopite	$KMg_3AlSi_3O_{10}F_2$	49	-	65	12003-38-2	234-426-5
Tin Oxide	SnO_2	0	-	1	18282-10-5	242-159-0
Iron Oxide	Fe_2O_3	5	-	10	1309-37-1	215-168-2
Titanium Dioxide	TiO_2	30	-	40	13463-67-7	236-675-5
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/cm₃)	3.1 - 3.4					
8. Oil Absorption (g/100g)	50 - 70					
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.		