

PRODUCT SPECIFICATIONS**CQV Co., Ltd.**

Product Name:	CQV PEARL PIGMENT
Trade Name:	Reflex™ Super Glitter Red R-741G
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:	Sparkle Silver White, Free-flowing Powder
-----------------------	---

2. Ingredients and Composition

Ingredients	Composition	By Weight (%)			CAS No.	EINECS
Synthetic Fluorophlogopite	$KMg_3AlSi_3O_{10}F_2$	74	-	85	12003-38-2	234-426-5
Tin Oxide	SnO_2	0	-	1	18282-10-5	242-159-0
Titanium Dioxide	TiO_2	15	-	25	13463-67-7	236-675-5

3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		30	-	250	

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)	80 - 100
-----------------------------------	----------

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.	