

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

Product Name:	CQV PEARL PIGMENT
Trade Name:	Reflex™ Super Glitter Russet R-660G
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 Reddish, Free-flowing Powder
-----------------------	--------------------------------------

2. Ingredients and Composition

Ingredients	Composition	By Weight (%)	CAS No.	EINECS
Synthetic Fluorophlogopite	$\text{KMg}_3\text{AlSi}_3\text{O}_{10}\text{F}_2$	76 - 86	12003-38-2	234-426-5
Iron Oxide	Fe_2O_3	14 - 24	1309-37-1	215-168-2

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)	3.0 - 3.3
---	-----------

8. Oil Absorption ($\text{g}/100\text{g}$)	81 - 101
--	----------

9. Acid Soluble Substances:	2.0 % max.
------------------------------------	------------

10. Trace Elements:	Mercury (Hg)	1 ppm max.	IEC 62321
	Lead (Pb)	10 ppm max.	
	Cadmium (Cd)	5 ppm max.	
	Hexavalent Chromium(Cr^{6+})	5 ppm max.	