

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:

CQV PEARL PIGMENT

Trade Name:

Reflex™ Passion Red RC-6640K

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:

Red, Free-flowing Powder

2. Ingredients and Composition

Ingredients	Composition	By Weight (%)	CAS No.	EINECS
Synthetic Fluorophlogopite	$\text{KMg}_3\text{AlSi}_3\text{O}_{10}\text{F}_2$	38 - 50	12003-38-2	234-426-5
Iron Oxide	$\alpha\text{-Fe}_2\text{O}_3$	45 - 55	1309-37-1	215-168-2
CI Pigment Red 254	$\text{C}_{18}\text{H}_{10}\text{Cl}_2\text{N}_2\text{O}_2$	5 - 7	84632-65-5	401-540-3 (EEC)

3. Particle Size (μm):

Mean Diameters

D10	-	D90
7	-	45

(By Malvern Mastersizer 2000S)

4. pH:

5.0 - 9.0

5. Loss on Drying:

2.0 % max.

6. Loss on Ignition:

7.0 % max.

7. Density (g/cm_3)

3.3 - 3.6

8. 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