

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT
Trade Name:	Reflex™ Micro Green R-790M
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: Fine Yellowish, Free-flowing Powder

2. Ingredients and Composition

Ingredients	Composition	By Weight (%)			CAS No.	EINECS
Synthetic Fluorophlogopite	$KMg_3AlSi_3O_{10}F_2$	20.0	-	31.7	12003-38-2	234-426-5
Iron Oxide	$\alpha-Fe_2O_3$	0.3	-	2.0	1309-37-1	215-168-2
Titanium Dioxide	TiO_2	68.0	-	78.0	13463-67-7	236-675-5

3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		3	-	17	

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): 3.4 - 3.7

8. Oil Absorption ($g/100g$): 55 - 75

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.	