

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

Product Name:	CQV PEARL PIGMENT
Trade Name:	Reflex™ Fine Gray Pearl RC-9011D
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:	Gray, Free-flowing Powder
-----------------------	---------------------------

2. Ingredients and Composition	
---------------------------------------	--

Ingredients	Composition	By Weight (%)	CAS No.	EINECS
Synthetic Fluorophlogopite	$KMg_3AlSi_3O_{10}F_2$	51 - 63	12003-38-2	234-426-5
Tin Oxide	SnO_2	0 - 1	18282-10-5	242-159-0
Titanium Dioxide	TiO_2	35 - 45	13463-67-7	236-675-5
Graphite	C	2 - 3	7782-42-5	231-955-3

3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		5	-	25	

4. pH:	6.0 - 10.0
---------------	------------

5. Loss on Drying:	2.0 % max.
---------------------------	------------

6. Loss on Ignition:	4.0 % max.
-----------------------------	------------

7. Density (g/cm₃)	2.9 - 3.2
--------------------------------------	-----------

8. 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.	