

# PRODUCT SPECIFICATIONS



**CQV Co., Ltd.**

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>
<b>Trade Name:</b>	<b>Reflex™ Rutile Glitter Pearl R-901E</b>
<b>Manufacturer:</b>	<b>CQV Co., Ltd.</b> 144, Seongjung-Ro, Jincheon-Eup, Jincheon-Gun, Chungbuk-Do, Korea Tel. 82-43-531-2500, Fax. 82-43-536-0314
<b>Date Prepared:</b>	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	$KMg_3AlSi_3O_{10}F_2$	75	-	86	12003-38-2	234-426-5
Tin Oxide	$SnO_2$	0	-	1	18282-10-5	242-159-0
Titanium Dioxide	$TiO_2$	14	-	24	13463-67-7	236-675-5

<b>3. Particle Size (<math>\mu m</math>):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		18	-	102	

**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 - 3.1

**8. Oil Absorption ( $g/100g$ ):** 74 - 94

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

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