

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

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>
<b>Trade Name:</b>	<b>Reflex™ Super Fine Onyx Black RC-1010D</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>	February 12th, 2016

<b>1. Appearance:</b>	Brilliant Fine black, Free-flowing Powder
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**2. Ingredients and Composition**

Ingredients	Composition	By Weight (%)			CAS No.	EINECS
Synthetic Fluorophlogopite	$KMg_3AlSi_3O_{10}F_2$	23	-	37	12003-38-2	234-426-5
Titanium Dioxide	$TiO_2$	8	-	12	13463-67-7	236-675-5
Iron Oxide Black	$Fe_3O_4$	55	-	65	1317-61-9	215-277-5

<b>3. Particle Size (<math>\mu m</math>):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		5	-	25	

<b>4. pH:</b>	7.0 - 11.0
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<b>5. Loss on Drying:</b>	2.0 % max.
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<b>6. Density (g/ml)</b>	3.5 - 3.9
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<b>7. 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.	