

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

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>
<b>Trade Name:</b>	<b>Axion<sup>®</sup> Dazzling Copper AX-640K</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, December 14th, 2015

<b>1. Appearance:</b>	Lustrous Brown, Free-flowing Powder
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<b>2. Ingredients and Composition</b>
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Ingredients	Composition	By Weight (%)	CAS No.	EINECS
Calcium Titanium Borosilicate	-	71 - 81	65997-17-3	266-046-0
Iron Oxide	Fe <sub>2</sub> O <sub>3</sub>	19 - 29	1309-37-1	215-168-2

<b>3. Particle Size (<math>\mu\text{m}</math>):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		6	-	41	

<b>4. pH:</b>	7.0 - 11.0	(10% Aqueous Suspension)
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<b>5. Loss on Drying:</b>	0.5 % max.
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<b>6. Loss on Ignition:</b>	2.0 % max.
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<b>7. Density (<math>\text{g}/\text{cm}^3</math>)</b>	2.7 - 2.9
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<b>8. Acid Soluble Substances:</b>	2.0 % max.
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<b>9. Trace Elements:</b>	Mercury (Hg)	1 ppm max.	IEC 62321
	Lead (Pb)	10 ppm max.	
	Cadmium (Cd)	1 ppm max.	
	Hexavalent Chromium(Cr <sup>6+</sup> )	5 ppm max.	

<b>*Note:</b>	Do not use in the condition of above 650 °C.
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