

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

Product Name:	CQV PEARL PIGMENT
Trade Name:	Axion[®] Dazzling Metallic Gold AX-601K
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, December 14th, 2015

1. Appearance:	Lustrous Yellowish, Free-flowing Powder
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2. Ingredients and Composition

Ingredients	Composition	By Weight (%)	CAS No.	EINECS
Calcium Titanium Borosilicate	-	62 - 77	65997-17-3	266-046-0
Iron Oxide	Fe ₂ O ₃	6 - 10	1309-37-1	215-168-2
Tin Oxide	SnO ₂	0 - 1	18282-10-5	242-159-0
Titanium Dioxide	TiO ₂	17 - 27	13463-67-7	236-675-5

3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		6	-	41	

4. pH:	7.0 - 11.0	(10% Aqueous Suspension)
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5. Loss on Drying:	0.5 % max.
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6. Loss on Ignition:	2.0 % max.
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7. Density (g/cm³)	2.7 - 2.9
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8. Acid Soluble Substances:	2.0 % max.
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9. 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.	

*Note:	Do not use in the condition of above 650 °C.
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