

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

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>					
<b>Trade Name:</b>	<b>Axion<sup>®</sup> Rutile Shimmering White AX-901B</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>	Sparkle Silver White, Free-flowing Powder					
<b>2. Ingredients and Composition</b>						
Ingredients	Composition	By Weight (%)		CAS No.	EINECS	
Calcium Titanium Borosilicate	-	91	-	97	65997-17-3	266-046-0
Tin Oxide	SnO <sub>2</sub>	0	-	1	18282-10-5	242-159-0
Titanium Dioxide	TiO <sub>2</sub>	3	-	8	13463-67-7	236-675-5
<b>3. Particle Size (μm):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		15	-	90		
<b>4. pH:</b>	7.0 - 11.0			(10% Aqueous Suspension)		
<b>5. Loss on Drying:</b>	0.5 % max.					
<b>6. Loss on Ignition:</b>	2.0 % max.					
<b>7. Density (g/cm<sup>3</sup>)</b>	2.5 - 2.8					
<b>8. Acid Soluble Substances:</b>	2.0 % max.					
<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.					