

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

Product Name:	CQV PEARL PIGMENT					
Trade Name:	Axion[®] Crystal Nova Silver AX-991P					
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. 2, December 14th, 2015					
1. Appearance:	Sparkling Grayish White, Free-flowing Powder					
2. Ingredients and Composition						
Ingredients	Composition	By Weight (%)		CAS No.	EINECS	
Calcium Titanium Borosilicate	-	73	-	84	65997-17-3	266-046-0
Tin Oxide	SnO ₂	0	-	1	18282-10-5	242-159-0
Silver	Ag	16	-	26	7440-22-4	231-131-3
3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		30	-	180		
4. pH:	7.0 - 11.0			(10% Aqueous Suspension)		
5. Loss on Drying:	0.5 % max.					
6. Loss on Ignition:	2.0 % max.					
7. Density (g/cm³)	2.9 - 3.2					
8. Acid Soluble Substances:	2.0 % max.					
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.					