

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

Product Name:	CQV PEARL PIGMENT					
Trade Name:	Automotive Axion[®] Econa Black AAX-911K-OP					
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. 1, March 1th, 2023					
1. Appearance:	Sparkle Black, Free-flowing Powder					
2. Ingredients and Composition						
Ingredients	Composition	By Weight (%)		CAS No.	EINECS	
Calcium Titanium Borosilicate	-	65	-	75	65997-17-3	266-046-0
Tin Oxide	SnO ₂	0	-	1	18282-10-5	242-159-0
Titanium Dioxide	TiO ₂	3	-	9	13463-67-7	236-675-5
Charcoal Powder	C	18	-	24	16291-96-6	240-383-3
Silane	-	0	-	2	-	-
3. Particle Size (μm):	Mean Diameters	D10	-	D90	By Malvern Mastersizer 2000S	
		3	-	35		
4. pH:	4.0 - 8.0		10% Aqueous Suspension			
5. Loss on Drying:	3.0 % max.		ASTM D 280-01			
6. Density (g/ml)	2.2 - 2.5		ASTM D 153-84			
7. Oil Absorption (g/100g)	25 - 45		ASTM D 1483-95			
8. Conductivity (μ S/cm)	150 max.		10% Aqueous Suspension			
9. Trace Elements:	Mercury (Hg)		0.005 % max.		USEPA 3052	
	Arsenic (As)		0.005 % max.			
	Lead (Pb)		0.010 % max.			
	Cadmium (Cd)		0.010 % max.			
	Hexavalent Chromium (Cr ⁶⁺)		0.001 % max.		USEPA 3060A	