

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

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>
<b>Trade Name:</b>	<b>Automotive Kromax™ Splendor White AK-909K-SP</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. 1, March 1th, 2023

<b>1. Appearance:</b>	Brilliant White, Free-flowing Powder
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<b>2. Ingredients and Composition</b>					
Ingredients	Composition	By Weight (%)		CAS No.	EINECS
Synthetic Fluorophlogopite	$KMg_3AlSi_3O_{10}F_2$	57	- 67	12003-38-2	234-426-5
Tin Oxide	$SnO_2$	1	- 3	18282-10-5	242-159-0
Titanium Dioxide	$TiO_2$	29	- 39	13463-67-7	236-675-5
Silane	-	0	- 2	-	-

<b>3. Particle Size (<math>\mu m</math>):</b>	Mean Diameters	D10	-	D90	By Malvern Mastersizer 2000S
		9	-	35	

<b>4. pH:</b>	4.0 - 8.0	10% Aqueous Suspension
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<b>5. Loss on Drying:</b>	0.5 % max.	ASTM D 280-01
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<b>6. Density (g/ml)</b>	2.7 - 3.1	ASTM D 153-84
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<b>7. Oil Absorption (g/100g)</b>	43 - 63	ASTM D 1483-95
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<b>8. Conductivity (<math>\mu S/cm</math>)</b>	150 max.	10% Aqueous Suspension
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<b>9. Trace Elements:</b>	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