

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

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>					
<b>Trade Name:</b>	<b>Automotive™ Rutile Ultra Silk A-903M-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.3, March 1th, 2023					
<b>1. Appearance:</b>	Fine Silk White, Free-flowing Powder					
<b>2. Ingredients and Composition</b>						
Ingredients	Composition	By Weight (%)		CAS No.	EINECS	
Synthetic Fluorophlogopite	KMg <sub>3</sub> AlSi <sub>3</sub> O <sub>10</sub> F <sub>2</sub>	50	-	63	12003-38-2	234-426-5
Tin Oxide	SnO <sub>2</sub>	0	-	1	18282-10-5	242-159-0
Titanium Dioxide	TiO <sub>2</sub>	37	-	47	13463-67-7	236-675-5
Silane	-	0	-	2	-	-
<b>3. Particle Size (μm):</b>	Mean Diameters	D10	-	D90	By Malvern Mastersizer 2000S	
		3	-	17		
<b>4. pH:</b>	3.0 - 6.0		10% Aqueous Suspension			
<b>5. Loss on Drying:</b>	0.5 % max.		ASTM D 280-01			
<b>6. Bulk Density (g/100ml)</b>	39 - 49		ASTM D 716-86			
<b>7. Density (g/ml)</b>	3.2 - 3.7		ASTM D 153-84			
<b>8. Oil Absorption (g/100g)</b>	61 - 81		ASTM D 1483-95			
<b>9. Conductivity (μ S/cm)</b>	150 max.		10% Aqueous Suspension			
<b>10. 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 <sup>6+</sup> )		0.001 % max.		USEPA 3060A	