

PRODUCT SPECIFICATIONS**CQV Co., Ltd.****Product Name:****CQV PEARL PIGMENT****Trade Name:****Automotive Kromax™ Snow White AK-905D-SP****Manufacturer:****CQV Co., Ltd.**

144, Seongjung-Ro, Jincheon-Eup, Jincheon-Gun, Chungbuk-Do, Korea

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Date Prepared:

Rev. 1, March 1th, 2023

1. Appearance:

Brilliant White, Free-flowing Powder

2. Ingredients and Composition

Ingredients	Composition	By Weight (%)	CAS No.	EINECS
Synthetic Fluorophlogopite	$KMg_3AlSi_3O_{10}F_2$	58 - 68	12003-38-2	234-426-5
Tin Oxide	SnO_2	0 - 1	18282-10-5	242-159-0
Titanium Dioxide	TiO_2	31 - 41	13463-67-7	236-675-5
Silane	-	0 - 2	-	-

3. Particle Size (μm):

Mean Diameters

D10	-	D90
5	-	25

By Malvern Mastersizer 2000S

4. pH:

4.0 - 8.0

10% Aqueous Suspension

5. Loss on Drying:

0.5 % max.

ASTM D 280-01

6. Density (g/ml)

2.9 - 3.3

ASTM D 153-84

7. Oil Absorption (g/100g)

56 - 76

ASTM D 1483-95

8. Conductivity ($\mu S/cm$)

150 max.

10% Aqueous Suspension

9. Trace Elements:

Mercury (Hg)

0.005 % max.

Arsenic (As)

0.005 % max.

Lead (Pb)

0.010 % max.

Cadmium (Cd)

0.010 % max.

Hexavalent Chromium (Cr^{6+})

0.001 % max.

USEPA 3052

USEPA 3060A