

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

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| Product Name: | CQV PEARL PIGMENT |
| Trade Name: | Automotive™ Splendor White A-901K-SP |
| 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.4, March 1th, 2023 |

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| 1. Appearance: | Brilliant Silver White, Free-flowing Powder |
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| 2. Ingredients and Composition | | | | | |
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| Ingredients | Composition | By Weight (%) | | CAS No. | EINECS |
| Synthetic Fluorophlogopite | $KMg_3AlSi_3O_{10}F_2$ | 58 | - 71 | 12003-38-2 | 234-426-5 |
| Tin Oxide | SnO_2 | 0 | - 1 | 18282-10-5 | 242-159-0 |
| Titanium Dioxide | TiO_2 | 29 | - 39 | 13463-67-7 | 236-675-5 |
| Silane | - | 0 | - 2 | - | - |

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| 3. Particle Size (μm): | Mean Diameters | D10 | - | D90 | (By Malvern Mastersizer 2000S) |
| | | 5 | - | 35 | |

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| 4. pH: | 3.0 - 6.0 | 10% Aqueous Suspension |
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| 5. Loss on Drying: | 0.5 % max. | ASTM D 280-01 |
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| 6. Bulk Density (g/100ml) | 40 - 50 | ASTM D 716-86 |
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| 7. Density (g/ml) | 2.9 - 3.3 | ASTM D 153-84 |
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| 8. Oil Absorption (g/100g) | 64 - 84 | ASTM D 1483-95 |
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| 9. Conductivity ($\mu S/cm$) | 150 max. | 10% Aqueous Suspension |
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| 10. 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 |