

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT
Trade Name:	Reflex™ Super Gold N-501S
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. 3, February 18th, 2013

1. Appearance:	Brilliant Silver White, Free-flowing Powder
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2. Ingredients and Composition

Ingredients	Composition	By Weight (%)	CAS No.	CI No.
Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	52 - 63	12001-26-2	77019
Tin Oxide	SnO_2	0 - 1	18282-10-5	77861
Titanium Dioxide	TiO_2	37 - 47	13463-67-7	77891

3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		9	-	45	

4. pH:	7.0 - 11.0	(10% Aqueous Suspension)
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5. Loss on Drying:	0.5 % max.
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6. Loss on Ignition:	0.5 % max.
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7. Density (g/cm^3)	2.9 - 3.3
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8. Oil Absorption (g/100g)	50 - 70
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9. Acid Soluble Substances:	2.0 % max.
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10. Trace Elements:	Mercury (Hg)	1 ppm max.	IEC 62321
	Lead (Pb)	10 ppm max.	
	Cadmium (Cd)	1 ppm max.	
	Hexavalent Chromium(Cr^{6+})	5 ppm max.	