

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT
Trade Name:	Reflex™ Super Blue N-581S
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

2. Ingredients and Composition

Ingredients	Composition	By Weight (%)	CAS No.	CI No.
Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	43 - 54	12001-26-2	77019
Tin Oxide	SnO_2	0 - 1	18282-10-5	77861
Titanium Dioxide	TiO_2	46 - 56	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)

5. Loss on Drying: 0.5 % max.

6. Loss on Ignition: 0.5 % max.

7. Density (g/cm^3): 3.0 - 3.4

8. Oil Absorption (g/100g): 50 - 70

9. Acid Soluble Substances: 2.0 % max.

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.	