

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT					
Trade Name:	Spectra[®] Optic White SP-9001M					
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, February 18th, 2013					
1. Appearance:	Fine White, Free-flowing Powder					
2. Ingredients and Composition						
Chemical Name (ICID Name)	Composition	By Weight (%)		CAS No.	EINECS	
Alumina	Al ₂ O ₃	73	-	84	1344-28-1	215-691-6
Tin Oxide	SnO ₂	0	-	1	18282-10-5	242-159-0
Titanium Dioxide	TiO ₂	16	-	26	13463-67-7	236-675-5
3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		3	-	20		
4. pH:	5.0 - 10.0			(10% Aqueous Suspension)		
5. Loss on Drying:	0.5 % max.					
6. Loss on Ignition:	0.5 % max.					
7. Water Soluble Substances:	0.3 % max.					
8. Trace Elements:	Mercury (Hg)			1 ppm max.		EU/FDA
	Arsenic (As)			1 ppm max.		
	Lead (Pb)			1 ppm max.		
	Cadmium (Cd)			1 ppm max.		
	Barium (Ba)			10 ppm max.		
	Antimony (Sb)			1 ppm max.		
	Copper (Cu)			10 ppm max.		
	Chromium (Cr)			10 ppm max.		
	Nickel (Ni)			10 ppm max.		
	Zinc (Zn)			10 ppm max.		
9. Microorganisms:	100 CFU/g max.				No Pathogens	