

PRODUCT SPECIFICATIONS**CQV Co., Ltd.**

Product Name:	CQV PEARL PIGMENT					
Trade Name:	Skolor® Orange 6020S					
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, March 1th, 2020					
1. Appearance:	Brilliant orange, Free-flowing Powder					
2. Ingredients and Composition						
INCI Name	Composition	By Weight (%)		CAS No.	EINECS	
Synthetic Fluorphlogopite	KMg ₃ AlSi ₃ O ₁₀ F ₂	53.0	-	68.5	12003-38-2	234-426-5
Iron Oxides	Fe ₂ O ₃	2.0	-	7.0	1309-37-1	215-168-2
Titanium Dioxide	TiO ₂	27.0	-	37.0	13463-67-7	236-675-5
Carmine	Carmine	2.5	-	3.0	1390-65-4	215-724-4
3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		9	-	50		
4. pH:	4.0 - 8.0			(10% Aqueous Suspension)		
5. Loss on Drying:	2.0 % max.					
6. Trace Elements:	Mercury (Hg)			1 ppm max.	Internal Method	
	Arsenic (As)			1 ppm max.		
	Lead (Pb)			3 ppm max.		
	Cadmium (Cd)			1 ppm max.		
	Barium (Ba)			30 ppm max.		
	Antimony (Sb)			1 ppm max.		
	Copper (Cu)			30 ppm max.		
	Chromium (Cr)			30 ppm max.		
	Nickel (Ni)			50 ppm max.		
	Zinc (Zn)			40 ppm max.		
7. Microorganisms:	50 CFU/g max.				No Pathogens	
8. Handling and Storage	Take care of dust free Store in dry & well ventilated area or in the general chemical warehouse. See MSDS					
* Note:	This product 6020S contains carmine(CI No. 75470) which is partially soluble above pH 7 and unstable under high temperature. Therefore this product should not be heated above 110 °C (230 °F)					