

# PRODUCT SPECIFICATIONS



**CQV Co., Ltd.**

Product Name:	CQV PEARL PIGMENT					
Trade Name:	Automotive Ferrius® Scarlet Red AF-668K-OP					
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:	April 7th, 2021					
1. Appearance:	Lustrous Red, Free-flowing Powder					
2. Ingredients and Composition						
Ingredients	Composition	By Weight (%)			CAS No.	EINECS
Synthetic Fluorophlogopite	KMg <sub>3</sub> AlSi <sub>3</sub> O <sub>10</sub> F <sub>2</sub>	36	-	46	12003-38-2	234-426-5
Iron Oxide	Fe <sub>2</sub> O <sub>3</sub>	52	-	62	1309-37-1	215-168-2
Silane	-	0	-	2	-	-
3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		7	-	37		
4. pH:	4.0 - 9.0				10% Aqueous Suspension	
5. Loss on Drying:	0.5 % max.				ASTM D 280-01	
6. Density (g/ml)	3.1 - 3.5				ASTM D 153-84	
7. Oil Absorption (g/100g)	35 - 55				ASTM D 1483-95	
8. Conductivity ( μ S/cm)	150 max.				10% Aqueous Suspension	
9. 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 <sup>6+</sup> )				0.001 % max.	USEPA 3060A