

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT
Trade Name:	Chaos[®] Ocean Black C-118K
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. 2, February 18th, 2013

1. Appearance:	Brilliant Black, Free-flowing Powder
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2. Ingredients and Composition					
Ingredients	Composition	By Weight (%)		CAS No.	EINECS
Synthetic Fluorophlogopite	$KMg_3AlSi_3O_{10}F_2$	33	- 47	12003-38-2	234-426-5
Iron Oxide	Fe_2O_3	45	- 53	1309-37-1	215-168-2
Cobalt Oxide	Co_3O_4	8	- 14	1308-06-1	215-157-2

3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		5	-	35	

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/cm₃):	3.5 - 3.8
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8. Oil Absorption (g/100g)	43 - 63
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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.	