



O.C.O. Technology Ltd (Avonmouth)

July 2021 Test Certificate 6F Series

EN 13242 Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction

	Average	Declared	
Acid soluble sulfate ¹	3.9	<4	(%)
Apparent density ⁴	2.5	NPD	
Bulk density ⁴	1205	NPD	(kg/m ³)
Compressive strength ²	0.10	>0.1	(Mpa)
Crushing resistance ³	13	>5	(N/mm ²)
Dioxin	99.5	<600	(ng/kg)
Leaching ⁷			
As	<0.01	<0.5	(mg/kg)
Ba	17.34	<50	(mg/kg)
Cd	<0.001	<0.04	(mg/kg)
Cr	0.39	<1.5	(mg/kg)
Cu	<0.03	<0.15	(mg/kg)
Hg	<0.01	NPD	(mg/kg)
Mo	0.42	<1	(mg/kg)
Ni	<0.01	<0.4	(mg/kg)
Pb	1.10	<3	(mg/kg)
Sb	<0.01	<0.06	(mg/kg)
Se	<0.02	<0.1	(mg/kg)
Zn	0.66	<3.5	(mg/kg)
Cl	71.06	<75	(g/kg)
SO ₄	3.73	<5	(g/kg)
Los Angeles ⁴	39	<50	(%)
Magnesium sulfate ⁵	1	<18	(%)
Oven dried density ⁴	1.7	NPD	
Oxidisable sulfides ¹	0.18	NPD	(%)
Particle size ⁴			
50mm	99.0	>85	(% passing)
40mm	96.2		(% passing)
31.5mm	93.8		(% passing)
20mm	88.0		(% passing)
16mm	83.8		(% passing)
10mm	73.5		(% passing)
8mm	67.9		(% passing)
6.3mm	59.9		(% passing)
4mm	38.3		(% passing)
2mm	19.1		(% passing)
1mm	9.1		(% passing)
63um	1.3	<3	(% passing)
Saturated density ⁴	2.0	NPD	
Total sulfur ¹	1.4	<2	(%)
Water absorption ⁴	18.2	20±4	(%)
Water content ⁴	12.05	NPD	(%)
Water soluble chloride ¹	3.7	<7.5	(%)
Water soluble sulfate ¹	0.2	<0.5	(%)

¹ BS EN 1744, ² BS EN 1097, ³ End of Waste method, ⁴ BS EN 13055, ⁵ BS EN 12457, ⁶ BS EN 1367, ⁷ BS EN 933