



O.C.O. Technology Ltd (Avonmouth)

October 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 ²	2.9	NPD	
Bulk density ²	6361	NPD	(kg/m ³)
Compressive strength ³	N/A	>0.1	(Mpa)
Crushing resistance ³	21	>5	(N/mm ²)
Dioxin	68.8	<600	(ng/kg)
Leaching ⁴			
As	<0.01	<0.5	(mg/kg)
Ba	14.65	<50	(mg/kg)
Cd	<0.001	<0.04	(mg/kg)
Cr	1.28	<1.5	(mg/kg)
Cu	0.00	<0.15	(mg/kg)
Hg	<0.01	NPD	(mg/kg)
Mo	0.40	<1	(mg/kg)
Ni	<0.01	<0.4	(mg/kg)
Pb	1.17	<3	(mg/kg)
Sb	<0.01	<0.06	(mg/kg)
Se	<0.02	<0.1	(mg/kg)
Zn	0.34	<3.5	(mg/kg)
Cl	71.48	<75	(g/kg)
SO ₄	3.77	<5	(g/kg)
Los Angeles ⁵	45	<50	(%)
Magnesium sulfate ⁶	1	<18	(%)
Oven dried density ²	1.75	NPD	
Oxidisable sulfides ¹	0.2	NPD	(%)
Particle size ⁷		>85	
50mm	98.3		(% passing)
40mm	95.0		(% passing)
31.5mm	90.3		(% passing)
20mm	78.1		(% passing)
16mm	72.4		(% passing)
10mm	58.4		(% passing)
8mm	51.2		(% passing)
6.3mm	42.7		(% passing)
4mm	26.2		(% passing)
2mm	13.6		(% passing)
1mm	7.2		(% passing)
63um	1.0	<3	(% passing)
Saturated density ²	2.2	NPD	
Total sulfur ¹	1.5	<2	(%)
Water absorption ²	18.9	20±4	(%)
Water content ²	13.18	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