



## O.C.O. Technology Ltd (Avonmouth)

### July 2021 Test Certificate 6F Series 0-50mm

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

	Average	Declared	
Acid soluble sulfate <sup>+</sup>	3.9	<4	(%)
Apparent density <sup>+</sup>	2.5	NPD	
Bulk density <sup>+</sup>	1235	1100±100	(kg/m <sup>3</sup> )
Compressive strength <sup>3</sup>	0.10	>0.1	(Mpa)
Crushing resistance <sup>**</sup>	13	>5	(N/mm <sup>2</sup> )
Dioxin	99.5	<600	(ng/kg)
Leaching <sup>7</sup>			
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 <sub>4</sub>	3.73	<5	(g/kg)
Los Angeles <sup>+</sup>	39	<50	(%)
Magnesium sulfate <sup>+</sup>	1	<18	(%)
Oven dried density <sup>+</sup>	1.7	NPD	
Oxidisable sulfides <sup>+</sup>	0.18	NPD	(%)
Particle size <sup>1</sup>			
50mm	100.0	>90	(% passing)
40mm	98.9		(% passing)
31.5mm	95.2		(% passing)
20mm	85.3		(% passing)
16mm	81.0		(% passing)
10mm	67.6		(% passing)
8mm	61.0		(% passing)
6.3mm	52.6		(% passing)
4mm	32.0		(% passing)
2mm	17.3		(% passing)
1mm	9.5		(% passing)
63um	1.5	<3	(% passing)
Saturated density <sup>+</sup>	2.0	NPD	
Total sulfur <sup>+</sup>	1.4	<2	(%)
Water absorption <sup>+</sup>	18.2	20±4	(%)
Water content <sup>+</sup>	12.05	NPD	(%)
Water soluble chloride <sup>+</sup>	3.7	<7.5	(%)
Water soluble sulfate <sup>+</sup>	0.2	<0.5	(%)

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