



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

### 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 <sup>1</sup>	3.7	<4	(%)
Apparent density <sup>2</sup>	2.7	NPD	
Bulk density <sup>2</sup>	933	NPD	(kg/m <sup>3</sup> )
Compressive strength <sup>3</sup>	0.25	>0.1	(Mpa)
Crushing resistance <sup>3</sup>	10	>5	(N/mm <sup>2</sup> )
Dioxin	142	<600	(ng/kg)
Leaching <sup>7</sup>			
As	<0.01	<0.5	(mg/kg)
Ba	20.02	<50	(mg/kg)
Cd	<0.001	<0.04	(mg/kg)
Cr	0.49	<1.5	(mg/kg)
Cu	0.10	<0.15	(mg/kg)
Hg	<0.01	NPD	(mg/kg)
Mo	0.94	<1	(mg/kg)
Ni	<0.01	<0.4	(mg/kg)
Pb	0.23	<3	(mg/kg)
Sb	<0.01	<0.06	(mg/kg)
Se	<0.02	<0.1	(mg/kg)
Zn	0.94	<3.5	(mg/kg)
Cl	68.41	<75	(g/kg)
SO <sub>4</sub>	2.76	<5	(g/kg)
Los Angeles <sup>4</sup>	50	<50	(%)
Magnesium sulfate <sup>5</sup>	1	<18	(%)
Oven dried density <sup>2</sup>	1.67	NPD	
Oxidisable sulfides <sup>1</sup>	1.76	NPD	(%)
Particle size <sup>6</sup>		>85	(% passing)
50mm	98.0		(% passing)
40mm	93.2		(% passing)
31.5mm	87.2		(% passing)
20mm	76.9		(% passing)
16mm	64.4		(% passing)
10mm	46.5		(% passing)
8mm	30.3		(% passing)
6.3mm	18.1		(% passing)
4mm	11.1		(% passing)
2mm	5.3		(% passing)
1mm	2.2		(% passing)
63um	0.6	<3	(% passing)
Saturated density <sup>2</sup>	2.1	NPD	
Total sulfur <sup>1</sup>	1.6	<2	(%)
Water absorption <sup>4</sup>	18.6	20±4	(%)
Water content <sup>4</sup>	16.02	NPD	(%)
Water soluble chloride <sup>1</sup>	4.4	<7.5	(%)
Water soluble sulfate <sup>1</sup>	0.1	<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