

**Test Report:** **Determination of Particle Density & Water Absorption** **Report Date:** 24/08/2017  
BS EN 1097-6: 2013

**Client:** Aecom **Lab ref:** 04088-18120  
12 Regan Way, Chetwynd Business Park **Client ref:** NML 683  
Chilwell, Nottingham NG9 6RZ **Date sampled:** 09/08/2017  
**Site:** Beaulieu Park **Sampled by:** Client


**Sample location:** N/A **Date received:** 12/08/2017  
**Material type:** <4mm Aggregate **Date test completed:** 23/08/2017  
**Visual description:** Sand & Gravel **Test conducted by:** RE  
**Size fraction used:** 4.0 - 0.063mm **Test method:** Gas Jar  
**Source of material:** Unknown **Specification:** BS EN 1097-6:2013

### Test Results

Oven Dried Particle Density (Mg/m <sup>3</sup> )	2.50
Soaked Surface Dried Particle Density (Mg/m <sup>3</sup> )	2.55
Apparent Relative Density (Mg/m <sup>3</sup> )	2.63
Water Absorption (%)	1.93

### Comments:

Signed:



For & on behalf of  
**OPAL Testing Services**

Authorised Signatories:

[✓] M. Aiston (Laboratory Manager)  
[ ] R. Ellis (Deputy Laboratory Manager)  
[ ] D. Henny (Laboratory Supervisor)

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**Client:** Aecom **Lab ref:** 04088-18119  
12 Regan Way, Chetwynd Business Park **Client ref:** NML 683  
Chilwell, Nottingham NG9 6RZ **Date sampled:** 09/08/2017  
**Site:** Beaulieu Park **Sampled by:** Client

**Sample location:** N/A **Date received:** 12/08/2017  
**Material type:** >40mm Aggregate **Date test completed:** 23/08/2017  
**Visual description:** Gravel **Test conducted by:** RE  
**Size fraction used:** 40-4mm **Test method:** Gas Jar  
**Source of material:** Unknown **Specification:** BS EN 1097-6:2013

### Test Results

Oven Dried Particle Density (Mg/m <sup>3</sup> )	2.60
Soaked Surface Dried Particle Density (Mg/m <sup>3</sup> )	2.61
Apparent Relative Density (Mg/m <sup>3</sup> )	2.63
Water Absorption (%)	0.35

### Comments:

Signed:



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