

Aggregate Industries Technical Department
Aggregate Grading Specification Datasheet



Material: 10/20mm
Source: UK Marine Dredged Aggregate
Aggregate Petrographic Group: Gravel
Supply Plant: Kendall- Portsmouth Wharf
 Eastern Road
 Portsmouth
 Hampshire
 PO3 5LY

SIEVE SIZE (mm)	TYPICAL GRADING	SPECIFICATION (%) EN 12620	SPECIFICATION (%) EN 13242
40	100	100 - 100	100 - 100
31.5	100	98 - 100	98 - 100
20	89	85 - 100	80 - 100
14	38	-	20 - 70 (± 15)
10	6	0 - 20	0 - 20
4	0	0 - 5	0 - 5
0.063	0	0 - 1.5	0 - 2

Please note: Further tolerances to the specification limits are given in brackets which apply to the declared typical grading.

PROPERTY	METHOD	RESULT
Particle Density (SSD)	BS EN 1097-6	2.53 Mg/m ³
Water Absorption (%)	BS EN 1097-6	2.0%
Aggregate Abrasion Value	BS EN 1097-8	0.3
Total Sulphur Content	BS EN 1744-1	<0.1%
pH Value	BS 1377 : 2018	9.4
Micro Deval Coefficient	BS EN 1097-1	2
Los Angeles Coefficient	BS EN 1097-2	14
Drying Shrinkage	BS EN 1367-4	0.025 %
Magnesium Sulphate Soundness Value	BS EN 1367-2	4
Loss on Ignition	BS EN 1744-1	1.5 %
Resistance to Freezing and Thawing	BS EN 1367-1	0.3 %
Chloride Content	BS EN 1744-1	0.02 %
Shell Content	BS EN 933-7	0%
Polished Stone Value	BS EN 1097-8	36
Particle Shape (Flakiness Index)	BS EN 933-3	15
Bulk Density (Loose)	BS EN 1097-3	1.42 Mg/m ³