

Standard Reference Materials

BS 1881-131:1998

Fractions C to E 600um to 90um

To be used for making Concrete Cubes for Testing Cement

Standard Sand

Description: Natural, uncrushed Silica Sand in three fractions, washed, dried and graded Free from silt, clay or organic matter. Geological classification: Lower Greensand, Leighton Buzzard, Beds, UK.

Particle Shape: Rounded to sub-rounded.

Colour: Light brown / pale silver to brown.

Particle Size: Fractions C – E 600um to 90um

	C	D	E
Size	600um-300um	300um- 150um	150um- 90um
Min. within the stated range	80% minimum	75% minimum	70% minimum
Max. larger than	600um is 10%	300um is 10%	150um is 15%
Max. finer than	300um is 10%	150um is 15%	90um is 15%
Bulk Density Kg/m3	Loose 1560	Loose 1310 Compacted 1510	Loose 1310 Compacted 1510

Moisture Content: Less than 0.1% by dry mass when treated by the standard over method described in BS 812: part 2

Air Entrainment: Not exceeding 1.5% when tested to Clause 7.2 to 7.6 of BS 1881-131:1998

Marking: Sands are supplied in suitable bags marked with:

- a) Our name and logo
- b) The designation of the sand fraction e.g. Fraction C
- c) The British Standard reference i.e. BS 1881-131
- d) Batch number and weight

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