

CEN Pack

BS EN 196-1:2005

Standard sand for strength determination of cement to EN 196-1:2005

Description

CEN Standard Sand is natural, siliceous sand consisting mostly of rounded particles of silica content of at least 98%. The sand is thoroughly washed, dried and accurately graded before being put into 1350g packs \pm 5g. Then 20 packs are placed into one cardboard box and sealed. These are placed onto waterproof, film shrink-wrapped pallets.

Particle Size Distribution

The following table shows the particle size distribution conforming to the requirements of EN 196 part 1.

Grading

Size in mm	Cumulative Retained %
2.00	0
1.60	7 ± 5
1.00	33 ± 5
0.50	67 ± 5
0.16	87 ± 5
0.08	99 ± 1

Sieving is continued until the amount of sand passing through each sieve is less than 0.5g/min.

Moisture Content

The Moisture content is less than 0.2% determined as the loss of mass of a representative sample of sand after 2 hours drying as 105c to 110c and expressed as a percentage by mass of the dried sample.