SEYMAN MADEN

TECHNICAL DATA SHEET

TDS-CEN-001-EN

Rev. 02 · 17.08.2026

- TS EN 196-1
- ISO 679
- 1,350 g ± 5 g
- SiO_2 ≥ 98%
- Mohs 7
- 2.65 g/cm³

TS EN 196-1 · EN 196-1 · ISO 679 REFERENCE SAND

CEN STANDARD SAND

Reference sand for compressive and flexural strength testing of cement

Natural siliceous reference sand — washed, dried and sieved — produced in accordance with TS EN 196-1, EN 196-1 and ISO 679. Controlled granulometry, low moisture and high silica purity; every production day subject to autocontrol. Supplied in 1,350 ± 5 g net polyethylene pouches, ready for laboratory use.

REF.001-P · 1,350 g ± 5 g

GENERAL INFORMATION

Product name	CEN Standard Sand
Standards	TS EN 196-1 · EN 196-1 · ISO 679
Application	Cement strength testing (mortar preparation)
Producer / Origin	Seyman Maden San. ve Tic. Ltd. Şti. — Tekirdağ, Türkiye

MORTAR MIX · TS EN 196-1 · Cl.6

CEN Standard Sand	**1,350 g ± 5 g**
Cement	**450 g ± 2 g**
Water	**225 g ± 1 g**
Water / Cement ratio	**0.50**

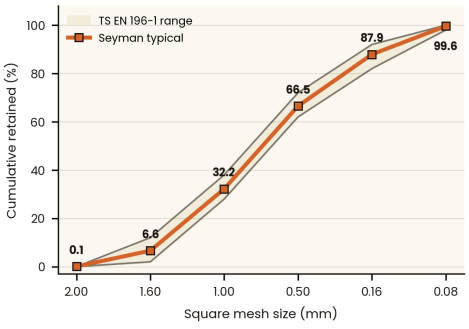
PHYSICAL & CHEMICAL PROPERTIES

SiO_2 content	≥ 98%
Moisture content	≤ 0.2% (105 °C)
Density	2.65 g/cm³
Hardness	Mohs 7
Grain shape	Rounded (isometric)
Colour	Light cream / beige

PARTICLE SIZE DISTRIBUTION (SIEVE ANALYSIS)

Sieve (mm)	Typical (%)	Limit (%)
2.00	**0.1**	0
1.60	**6.6**	7 ± 5
1.00	**32.2**	33 ± 5
0.50	**66.5**	67 ± 5
0.16	**87.9**	87 ± 5
0.08	**99.6**	99 ± 1

Typical values; averages of daily autocontrol sieve analyses.



PACKAGING & SHIPMENT

REF.001-P	1,350 g ± 5 g polyethylene pouch — single test unit
REF.001-C12	12 × 1,350 g case — 16.20 kg net / ≈ 17.40 kg gross
Pallet	62 cases / pallet ≈ 1,005 kg — strapped; ISPM15 heat-treated pallet for export

STORAGE & QUALITY

Indefinite shelf life when stored dry in original packaging. Sieve and moisture autocontrol on every production day; equipment calibrated by TÜRKAK-accredited bodies. Full lot traceability on every batch.

Values stated are typical; batch certificates of analysis prevail.

SEYMAN MADEN
SANAYİ VE TİCARET LTD. ŞTİ.
Marmaracık Mh. 1984. Sk. No:28/1
Ergene / Tekirdağ
+90 534 666 29 75
info@seymanmaden.com
www.seymanmaden.com