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Product Name :

Sand Absorption Cone And Tamper

Product Code :

SLE/CE/39



Description :

Sand Absorption Cone And Tamper (Product Code: SLE/CE/39) is a conical metal mould witha matching tamper, used to judge when fine aggregate reaches the saturated surface-drycondition for specific gravity and water absorption tests in civil engineering laboratories. The coneis 1.5 inch in diameter at the top, 3.5 inch at the base and 2 7/8 inch high, and the metal tamperweighs 12 ounces. **Jain Scientific Equipments Pvt Ltd (ScienceLab)** makes the set as anOEM technical educational equipment manufacturer at its own factory in Ambala, India.

Specifications

Parameter	Detail
Mould	Conical metal mould
Top diameter	1.5 inch
Base diameter	3.5 inch
Height	2 7/8 inch
Tamper	Metal tamping rod
Tamper weight	12 ounces
Tamping face	Flat and circular, 1 inch in diameter
Product code	SLE/CE/39
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Sand Absorption Cone Used For?

Specific gravity and absorption results for sand depend on testing it in the saturated surface-dry (SSD) state, when the particle pores are full of water but the surfaces carry no free film. To find that point, a soaked sample is spread out and dried gradually with gentle warm air while being stirred. At intervals, the cone is set large end down on a smooth, non-absorbent surface, filled loosely with sand, lightly tamped with the flat-faced tamper and lifted straight up.

If the moulded sand keeps the shape of the cone, surface moisture is still holding it together; when it slumps slightly on removal, the sample has reached SSD and can be weighed for the next step of the test. Use the tamping and drop procedure given in your laboratory's test standard, and keep the cone clean and dry between trials. It is a small but important item of lab equipment for technical institutes teaching aggregate testing.

OEM Manufacturer

This cone and tamper set is an OEM product of Jain Scientific Equipments Private Limited, which trades as ScienceLab and manufactures it at its own licensed factory at Saha, Ambala, Haryana. The company is a registered MSME enterprise (Udyam UDYAM-HR-01-0003714) whose major activi .8A (DGF Scien