SOIL > ATTERBERG LIMITS

PLASTIC LIMIT TEST SET

Code : T035



- The Plastic Limit Test Set is used to determine the plastic limit of fine-grained soils, which is the lowest moisture content at which soil remains plastic. This parameter is crucial for soil classification and assessing the behavior of soils under varying moisture conditions.
- The test involves rolling a soil sample into threads of 3 mm diameter. The moisture content at which the threads begin to crumble indicates the plastic limit. This method provides a simple yet effective means to evaluate soil consistency.
- The set includes a glass plate providing a non-porous surface for rolling, a stainless steel rod to verify thread diameter, moisture tins for sample storage, an evaporating dish for mixing, and a spatula for handling samples.
- Compliant with international standards, the Plastic Limit Test Set ensures accurate and repeatable results, making it suitable for geotechnical laboratories and field testing.
- When used alongside the Liquid Limit Test, this set facilitates the determination of the Plasticity Index, a vital parameter for evaluating soil plasticity and workability.

STANDARDS

ASTM D4318 • AASHTO T90 • BS 1377:2

TECHNICAL SPECIFICATIONS

- Glass plate: 300 x 300 mm
- Stainless steel rod: Ø 3 mm
- Moisture tins: Ø 55 x 35 mm, with lids
- Evaporating dish: 300 ml, Ø 125 mm
- Spatula: 100 mm

ORDERING INFORMATION

Item Name	Item Code
CARRYING CASE for T035	T035P001H
STAINLESS STEEL ROD (Ø 3 mm)	T035P002H
PLASTIC LIMIT SET	T035X00XH