

## Determination of Plastic Limit

### DESCRIPTION:

The Plastic Limit (WP) is defined as the lowest moisture content of a soil that will permit a sample to be rolled into threads of 3mm diameter without the threads breaking. The Plastic Limit Set comprises of: a glass plate, steel rod, mixing dish, spatula and 4 moisture content tins.



ASTM 4318, AASHTO T90, BAS 1377:2

### ORDERING:

#### SL 0731

The Plastic Limit complete set

### ACCESSORIES:

#### SL 0731-1

Steel rod

#### SL 0731-2

4 Moisture content tins

### TECHNICAL

#### SPECIFICATIONS:

Dimensions	Weight (approx.)
340x290x90 mm	1,5 kg

## Determination of Shrinkage Limit

### DESCRIPTION:

When the water content of a fine grained soil is reduced below the plastic limit, shrinkage of the soil mass continues until the shrinkage limit is reached.

This method of test covers the determination of the shrinkage limit, shrinkage ratio, volumetric shrinkage and linear shrinkage.

The set comprises prong plate, shrinkage dish, spatula, glass measuring cylinders and two moisture content tins.



ASTM D427; AASHTO T92; UNE 103-108; UNI 10014 BS 1377

### ORDERING:

#### SL 0732

The Shrinkage Limit Test Set is supplied complete

### ACCESSORIES:

#### SL 0732-1

Shrinkage Dish

#### SL 0732-2

Prong Plate

#### SL 0732-3

Moisture Content Tin with Lid, aluminum, Ø:45 mm h:10 mm, 2 pcs.

#### SL 0732-4

Moisture Content Tin with Lid, aluminum, Ø:55 mm h:35 mm

#### SL 0732-5

Porcelain Dish, 120mm dia.

#### SL 0732-6

Spatula, 120 mm

### TECHNICAL

#### SPECIFICATIONS:

Dimensions	Weight (approx.)
340x290x90 mm	1,5 kg

#### SL 0732-7

Graduated Glass Cylinder, 25 ml

#### SL 0732-8

Carrying Case

## Linear Shrinkage Mold

### DESCRIPTION:

The Linear shrinkage test covers the determination of the shrinkage of soils and indicates the plastic properties of soils with low clay content.



BS 1377:2

### MAIN FEATURES:

- Made from brass

### ORDERING:

#### SL 0733

Linear shrinkage Mold

### ACCESSORIES:

#### SL 0733-1

Vernier Caliper

### TECHNICAL

#### SPECIFICATIONS:

Dimensions	Weight (appro
140 mm long, 12.5 mm radius.	300 g