

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