



PARTICLE LOSS OF POROUS ASPHALT SPECIMEN

STANDARDS: EN 12697-17, EN 13108

The test concerns the determination of the particle loss by abrasion of porous asphalt mixtures.

RESISTANCE TO FUEL

STANDARDS: EN 12697-43, EN 13108

The test concerns the determination of the resistance of a pavement or a bituminous mixture to aviation fuel.

These two Standards require, within other specific tests, the abrasion tester:

A075 Los Angeles abrasion machine

Technical details: see Section "A" Aggregates, pag. 45



A075

DETERMINATION OF THE AFFINITY BETWEEN AGGREGATE AND BITUMEN

STANDARDS: EN 12697-11, EN 13108

The equipment is formed by:

B022

Bottle rolling machine, with rotation speed adjustable from 0 up to 85 rpm, used for the determination of the affinity between aggregate and bitumen, expressed by visual registration of the degree of bitumen coverage on uncompacted bitumen-coated mineral aggregate particles after influence of mechanical stirring action in the presence of water. The machine can roll up to 3 bottles at the same time. Supplied complete with timer range 0 - 6 hours.

Power supply: 230V 50/60Hz 1ph
Dimensions: 385x295x160 mm.
Weight: 10 kg approx.



B022 + B022-11

B022SP

Bottle rolling machine, same to mod. B022 but equipped with timer range 0 - 99 hours.



B022-12

B022-11

B022-11

TEST BOTTLE, made of borosilicate glass, 500 ml capacity, diameter 86 mm, height 176 mm, as expressly requested by EN Specification.

B022-12

GLASS ROD with a diameter of 6 mm equipped with 35 mm long fitting rubber tube.

SAMPLING OF ASPHALT ROAD CORES FOR THE DETERMINATION OF PHYSICAL PROPERTIES AND COMPOSITION

STANDARD: EN 12697-27

C319

Pavement core drilling machine

Technical details, other models of machines, coring bits etc. described in section "C" pag. 280



C319

VIBRATORY COMPACTION METHOD, FOR THE PREPARATION OF BITUMINOUS TEST SPECIMENS, applicable to loose mixtures and cores to determine a density ratio for a bituminous mixture as described in the EN Specifications.

STANDARDS: EN 12697-9, 12697-10, 12697-32 / BS 598:10

B097

P.R. D. MOULD, vertically split on one side, foreseen of clamp attachment to the base plate, plated against corrosion, is utilized for determining the degree of compaction of bituminous pavements, for quality control purpose.
Weight: 12 kg



B097-12

B097-11

B097-12

B097

S197N

VIBRATING HAMMER, double insulated motor; trigger handle, for asphalt compaction in the percentage refusal density test. It can be used also for the compaction of Proctor and CBR specimens
Technical details: see Section "S" pag. 404

ACCESSORIES:

B097-11 Small tamping foot, dia. 102 mm
Complete with shank.

B097-12 Large tamping foot, dia. 146 mm
Complete with shank.

S197-01N Supporting frame for vibrating hammer (see pag. 404).