

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

**ISO RECOMMENDATION
R 869**

PLASTICS

**PREPARATION OF SPECIMENS
FOR OPTICAL TESTS ON PLASTICS MATERIALS
MOULDING METHOD**

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PLASTICS
PREPARATION OF SPECIMENS
FOR OPTICAL TESTS ON PLASTICS MATERIALS
MOULDING METHOD

1. SCOPE

This ISO Recommendation describes a method for moulding plastics specimens for optical tests.

NOTE. – The preparation of specimens for optical tests by casting is the subject of ISO Recommendation R 870, *Plastics – Preparation of specimens for optical tests on plastics materials – Casting method*.

2. APPARATUS

The type of mould recommended is shown in the Figure below. It consists of the following parts :

- (a) two plates of glass with plane surfaces at least as good as those of photographic plates. A borosilicate glass resistant to thermal shock is recommended. The dimensions of the plates should not exceed those of the press platens;
- (b) a stainless steel frame about 4 mm thick;
- (c) two sheets of aluminium about 1 mm thick, placed between the glass plates and the press platens so as to distribute the pressure. The insertion of a sheet of firm blotting paper between the glass plates and the aluminium sheets is recommended.

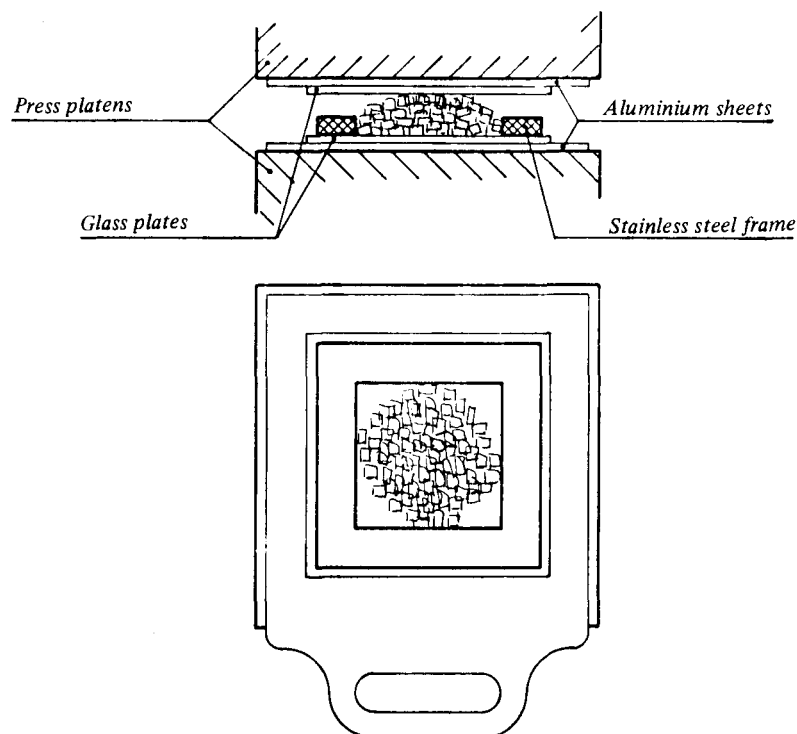


FIGURE – Mould for the preparation of test specimens for optical tests