

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 869

PLASTICS

PREPARATION OF SPECIMENS
FOR OPTICAL TESTS ON PLASTICS MATERIALS
MOULDING METHOD

1st EDITION

November 1968

COPYRIGHT RESERVED

The copyright of ISO Recommendations and ISO Standards belongs to ISO Member Bodies. Reproduction of these documents, in any country, may be authorized therefore only by the national standards organization of that country, being a member of ISO.

For each individual country the only valid standard is the national standard of that country.

Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

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.

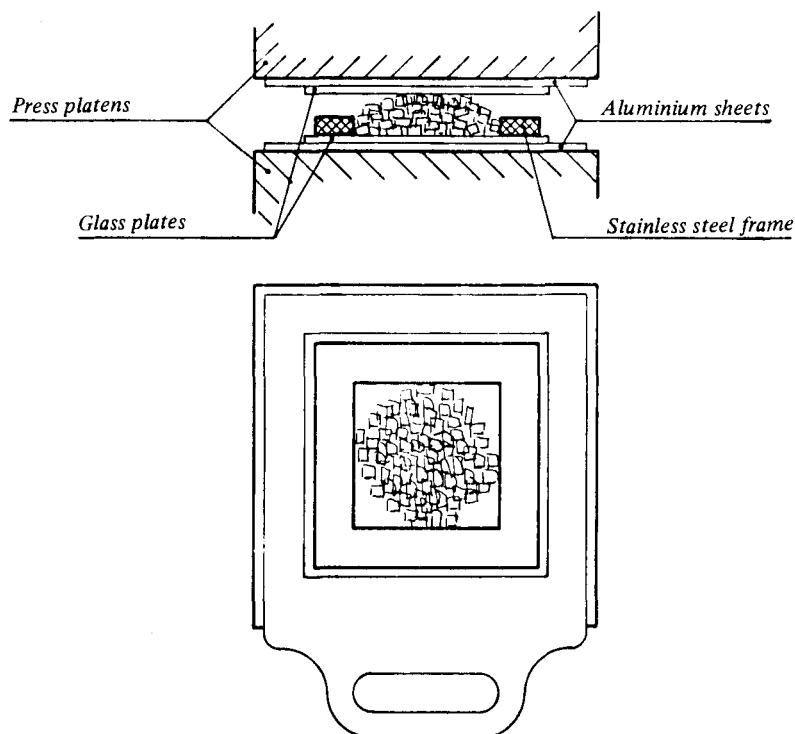


FIGURE – Mould for the preparation of test specimens for optical tests