

(PREVIEW)

Indian Standard

PLASTIC FILMS FOR ELECTRICAL PURPOSES

PART 3 SPECIFICATIONS FOR INDIVIDUAL MATERIALS

Section 4 Requirements for Polycarbonate (PC) Films Used for Electrical Insulation

1.1 Scope

This International Standard gives the requirements for polycarbonate films, for use as electrical insulation.

1.2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 674-1 : 1980, *Specification for plastic films for electrical purposes - Part 1: Definitions and general requirements.*

IEC 674-2 : 1988, *Specification for plastic films for electrical purposes - Part 2: Methods of test.*

IEC 757 : 1983, *Code for designation of colours.*

1.3 Classification

The polycarbonate film shall be of the following types:

Type 1: General purpose amorphous, unstretched;

Type 2: General purpose amorphous, stretched;

Type 3: For use as the dielectric of capacitors, partially crystalline and stretched.

These three types are available in regular and in flame-retardant types.