(PREVIEW)

Indian Standard

PLASTIC FILMS FOR ELECTRICAL PURPOSES

PART3 SPECIFICATIONS FORINDIVIDUALMATERIALS

Sections 5 to 7 Requirements for Polyimide Films Used for Electrical Insulation

1.1 ***Scope***

This International Standard gives the requirements for the following polyimide, films with or without heat sealable f1uoroethylene-propylene (FEP) coatings.

Sheet 4: Requirements for polyimide films based on poly (N,N'-p,p, - oxydiphenylene pyromellitimide).

Sheet 5: Requirements for polyimide films based on poly (N,N'-p-phenyiene biphenyl tetra carboxylimide}.

Sheet 6: Requirements for polylmide films baaed on poly (N,N'-p,p' –oxydiphenyiene biphenyl-tetracarboxyllmide).

1.2 ***Normative reference.***

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 molt recent ed.1ons of the normative documents Indicated below. Members of IEC and ISO maintain registers of currently valid international Standards.

IEC 874-1 : 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 polyimide film shall be of the following types:

Type 1:	General purpose
Type 2A:	One side coated*
Type 2B:	Two sides coated*
Type 3:	Dimensionally stabilized (only generally available in sheets 4 and 5 types)
Type 4:	Heat shrinkable (one generally available in sheet 4 types)