

**SLS ISO 6383 PART 2:2021**  
**(ISO 6383-2:1983)**  
**UDC 678.5**

**PLASTICS - FILM AND SHEETING -**  
**DETERMINATION OF TEAR RESISTANCE**  
**- PART 2: ELMENDORF METHOD**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
**PLASTICS - FILM AND SHEETING - DETERMINATION OF TEAR RESISTANCE**  
**- PART 2: ELMENDORF METHOD**

**SLS ISO 6383 PART 2:2021**  
**(ISO 6383-2:1983)**

**Gr. C**

*Copyright Reserved*  
**SRI LANKA STANDARDS INSTITUTION**  
**17, Victoria Place**  
**Elvitigala Mawatha**  
**Colombo - 08**  
**Sri Lanka.**

**Sri Lanka Standard**  
**PLASTICS - FILM AND SHEETING - DETERMINATION OF TEAR RESISTANCE -**  
**PART 2: ELMENDORF METHOD**

**NATIONAL FOREWORD**

This Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2021-03-24.

The text of the document **ISO 6383-2: 1983** Plastics - film and sheeting - Determination of tear resistance Part 2: Elmendorf method has been accepted for adoption as a Sri Lanka Standard which specifies a method of determining the force required to propagate a tear through a specified distance and from a specified slit, cut in a test specimen of thin flexible plastic sheeting or film, under specified conditions of loading.

This Standard is identical with **ISO 6383-2: 1983** Plastics - film and sheeting - Determination of tear resistance Part 2: Elmendorf method, published by the International Organization for Standardization (ISO).

**TERMINOLOGY AND CONVENTIONS**

The text of the International Standard has been accepted as suitable for publication, without deviation, as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standards. Attention is therefore drawn to the following:

- a) Wherever the words “International Standard” appear referring to a particular Standards they should be interpreted as “Sri Lanka Standard”.
  
- b) Wherever page numbers are quoted, they are ISO page numbers.

International Standard



6383 / 2

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

**Plastics — Film and sheeting — Determination  
of tear resistance —  
Part 2: Elmendorf method**

*Plastiques — Film et feuille — Détermination de la résistance au déchirement — Partie 2: Méthode Elmendorf*

First edition — 1983-09-01

UDC 678.5/.8-416 : 620.176.245

Ref. No. ISO 6383/2-1983 (E)

**Descriptors:** plastics, tests, tear strength, tear tests, test specimens.

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 6383/2 (formerly ISO/DIS 6824) was developed by Technical Committee ISO/TC 61, *Plastics*, and was circulated to the member bodies in February 1980.

It has been approved by the member bodies of the following countries :

Australia	Germany, F.R.	Philippines
Austria	Hungary	Poland
Belgium	India	Portugal
Brazil	Ireland	Romania
Canada	Israel	South Africa, Rep. of
China	Italy	Spain
Czechoslovakia	Japan	Switzerland
Egypt, Arab Rep. of	Korea, Rep. of	United Kingdom
Finland	Mexico	USA
France	Netherlands	USSR

The member body of the following country expressed disapproval of the document on technical grounds :

Sweden