

BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY

*(Not to be reproduced without permission of BIS
Or used as an Indian Standard)*

Draft Indian Standard

PLASTICS — INDUSTRIAL COMPOSTABLE PLASTIC SHOPPING BAGS

(ICS 83.140.99)

Plastics Sectional Committee,
PCD 12

Last date for receipt of comment is
13 April 2024

NATIONAL FOREWORD

(Formal clauses will be added later)

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standard for which Indian Standard also exist. The corresponding Indian Standard, which is to be substituted in their respective places, is listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 291 Plastics — Standard atmospheres for conditioning and testing	IS 196 : 1966 Atmospheric conditions for testing (<i>revised</i>)	Not equivalent
ISO 527-3 Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets	IS 13360 (Part 5/Sec 3) : 2022 / ISO 527-3 : 2018 Plastics —Method of testing : Part 5 Mechanical properties, Section 3 Determination of tensile properties — Test conditions for films and sheets (<i>second revision</i>)	Identical
ISO 2859-1 Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection	IS 2500 (Part 1) : 2000 / ISO 2859-1 : 1999 Sampling procedure for inspection by attributes : Part 1 Sampling schemes indexed by acceptance quality limit	Identical

	(AQL) for lot-by-lot inspection (<i>third revision</i>)	
ISO 7765-1:1988, Plastics film and sheeting — Determination of impact resistance by the free-falling dart method — Part 1: Staircase methods	IS 13360 (Part 5/Sec 6) : 1999/ISO 7765-1 : 1966 Plastics - Methods of testing Part 5 Mechanical Properties Section 8 Determination of Impact Resistance by the Free-Falling Dart Method - Staircase Methods	Identical
ISO 17088, Plastics – Organic recycling — Specifications for compostable plastics	IS/ISO 17088 : 2021 Compostable Plastics — Specification (<i>second revision</i>)	Identical

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 4592	Plastics — Film and sheeting — Determination of length and width
ISO 4593	Plastics — Film and sheeting — Determination of thickness by mechanical scanning

The standard also makes a reference to the BIS Certification Marking of the product. Details of which are given in National Annex A.

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

NOTE — The technical content of this document has not been enclosed as this is identical with the corresponding ISO Standard. For details, please refer to ISO 5412 : 2022 or kindly contact:

Smt. Meenal Passi

Sc – F & Head (PCD)

Petroleum & Coal related products Department (PCD)

Bureau of Indian Standards, 9, B.S. Zafar Marg, New Delhi-110002

Email: pcd@bis.gov.in . Telephone : 011-23235432

NATIONAL ANNEX A
(National Foreword)

A-1 BIS CERTIFICATION MARKING

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the Bureau of Indian Standards Act, 2016 and the Rules and Regulations framed thereunder, and the products may be marked with the Standard Mark.