

BUREAU OF INDIAN STANDARDS

Program of Work

PCD 21 : Plastics Packaging

Scope: Formulation of Indian Standards on rigid, semi-rigid and flexible plastics containers, closures and their methods of test and To coordinate with the work of ISO/TC 61 'Plastics' and 'ISO/TC 122 (Plastic Packaging only)' so far as it concerns its own scope.

Liaison: **ISO TC-61 SC-11 (P): Products**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10171 : 1999 <i>Reviewed In : 2020</i>	Guide on suitability of plastics for food packaging (Second Revision)	June, 2020	2	Indigenous
2	IS 10840 : 1994 <i>Reviewed In : 2020</i>	Blow moulded HDPE containers for packing of vanaspati - Specification (Second Revision)	June, 2020	5	Indigenous
3	IS 11342 : 1994 ISO 6591-2 <i>Reviewed In : 2023</i> ISO 6591-2 : 1985	Packaging - Sacks made from thermoplastic films - Description and method of measurement (First Revision)	June, 2023	-	Identical under dual numbering
4	IS 11343 : 1994 ISO 6590 <i>Reviewed In : 2023</i> ISO 6590-2 : 1986	Packaging - Sacks made from thermoplastic films - Vocabulary (First Revision)	June, 2023	-	Identical under dual numbering
5	IS 11352 : 2018	Flexible pouches for the packing of vanaspati up to 2 kg or 2 litres - Specification (Third Revision)		1	Indigenous
6	IS 11584 : 1986 <i>Reviewed In : 2023</i>	Specification for high density polyethylene (HDPE) crates for milk satchets	June, 2023	4	Indigenous
7	IS 11805 : 2007 <i>Reviewed In : 2017</i>	Polyethylene pouches for packaging liquid milk - Specification (Second Revision)	December, 2017	1	Indigenous
8	IS 12007 : 1987 <i>Reviewed In : 2024</i>	Specification for laminated collapsible tubes	January, 2024	2	Indigenous
9	IS 12395 : 1988 <i>Reviewed In : 2023</i>	Specification for disposable trash bags of plastics	June, 2023	2	Indigenous
10	IS 12512 : 1989 <i>Reviewed In : 2020</i>	HDPE containers - For liquid pesticides - Capacity over 1 and up to 5 litres - Specification	June, 2020	2	Indigenous
11	IS 12724 : 2004 <i>Reviewed In : 2020</i>	Flexible pouches for packing of refined edible oils up to 5 kg or 5 litre - Specification (First Revision)	June, 2020	1	Indigenous
12	IS 12787 : 1989 <i>Reviewed In : 2020</i>	Polyethylene air bubble film - Specification	June, 2020	1	Indigenous
13	IS 12883 : 1989 <i>Reviewed In : 2020</i>	Polyvinyl chloride (PVC) bottles for edible oils - Specification	June, 2020	3	Indigenous

14	IS 12887 : 1989 Reviewed In : 2023	Polyethylene terephthalate (PET) bottles for packaging of edible oils - Specification	June, 2023	4	Indigenous
15	IS 13123 : 2000 Reviewed In : 2020	Packing of liquid pesticides - Polyethylene terephthalate (PET) bottles (Up To 5 Litres Capacity) - Specification (First Revision)	June, 2020	1	Indigenous
16	IS 13289 : 2023	Polypropylene/Impact Copolymer (PPCP) Crates for Milk Pouches - Specification (First Revision)		-	Indigenous
17	IS 14129 : 1994 Reviewed In : 2020	Flexible packaging materials for the packing of vanaspati in 10 kg and 15 kg packs - Specification	June, 2020	2	Indigenous
18	IS 14537 : 1998 Reviewed In : 2023	Polyethylene terephthalate (PET) bottles for packaging of alcoholic liquors - Specification	June, 2023	1	Indigenous
19	IS 14625 : 2015 Reviewed In : 2020	Plastics Feeding Bottles (First Revision)	June, 2020	3	Indigenous
20	IS 14625 (Part 1) : 2015 Reviewed In : 2020	Plastics Feeding Bottles (First Revision)	June, 2020	-	
21	IS 14636 : 1998 Reviewed In : 2018	Flexible packaging materials for packaging of edible oils, ghee and vanaspati	December, 2018	2	Indigenous
22	IS 14764 : 2000 Reviewed In : 2020	Polyethylene terephthalate (PET) containers for packaging of vanaspati - specification	June, 2020	1	Indigenous
23	IS 15410 : 2003 Reviewed In : 2023	Containers for packaging of natural mineral water and packaged drinking water - Specification	June, 2023	7	Indigenous
24	IS 15473 : 2004 Reviewed In : 2020	Blow moulded HDPE containers for packaging of edible oils - Specification	June, 2020	1	Indigenous
25	IS 15532 : 2004 Reviewed In : 2020	Plastics crates for fruits and vegetables - Specification	June, 2020	1	Indigenous
26	IS 15609 : 2005 Reviewed In : 2020	Polyethylene flexible pouches for the packing of natural mineral water and packaged drinking water - Specification	June, 2020	2	Indigenous
27	IS 15749 : 2007 Reviewed In : 2024	Fluorinated HDPE bottles and containers - Specification	January, 2024	-	Indigenous
28	IS 17480 : 2020	High density polyethylene multi squeezable tube for packaging - Specification		2	Indigenous
29	IS 17931 : 2022	Form fill seal bags made from polyethylene for packaging of polymer materials - Specification		-	Indigenous
30	IS 2798 : 1998 Reviewed In : 2018	Methods of test for plastics containers (First Revision)	December, 2018	2	Indigenous
31	IS 6312 : 1994 Reviewed In : 2020	Polyethylene containers for the transport of materials - Specification (Second Revision)	June, 2020	2	Indigenous
32	IS 6604 : 2023	Code for packaging of solid insecticides (up to 1 000g) (Second Revision)		-	Indigenous
33	IS 7019 : 1998 Reviewed In : 2018	Glossary of terms in plastics and flexible packaging, excluding paper (Second Revision)	December, 2018	-	Indigenous

34	IS 7394 : 1984 Reviewed In : 2020	Specification for plastics containers for reserve fuel (First Revision)	June, 2020	1	Indigenous
35	IS 7394 : 2024	Plastics Containers for Reserve Fuel " Specification (Second Revision)		-	Indigenous
36	IS 7408 (Part 1) : 2000 Reviewed In : 2020	Blow moulded polyolefin containers - Specification: Part 1 : up to 5 litres capacity (Second Revision)	June, 2020	2	Indigenous
37	IS 7408 (Part 2) : 2000 Reviewed In : 2020	Blow moulded polyolefin containers - Specification: Part 2 : over 5 litres, up to and including 60 litres capacity (First Revision)	June, 2020	2	Indigenous
38	IS 7408 (Part 3) : 2000 Reviewed In : 2020	Blow moulded polyolefin containers - Specification: Part 3 : closed head containers over 60 litres, up to and including 250 litres capacity (First Revision)	June, 2020	3	Indigenous
39	IS 7792 : 2023	Plastics containers - Handling - Code of Practice (First Revision)		-	Indigenous
40	IS 7792 : 1975 Reviewed In : 2018	Code of practice for handling plastics containers	December, 2018	1	Indigenous
41	IS 7803 (Part 1) : 1975 Reviewed In : 2023	Specification for plastic containers for pharmaceutical use - Part 1 : other than parenteral and ophthalmic preparations	June, 2023	2	Indigenous
42	IS 7803 (Part 2) : 1975 Reviewed In : 2023	Specification for plastic containers for pharmaceutical use - Part II : parenteral and ophthalmic preparations	June, 2023	1	Indigenous
43	IS 7959 : 1987 Reviewed In : 2023	Specification for polyethylene containers for foam compounds (First Revision)	June, 2023	1	Indigenous
44	IS 7959 : 2023	Polyethylene containers for foam compounds - Specification (Second Revision)		-	Indigenous
45	IS 8688 : 1988 Reviewed In : 2020	Plastics bottles for potable water - Specification (Second Revision)	June, 2020	2	Indigenous
46	IS 8747 : 1977 Reviewed In : 2020	Methods of test for environmental stress - crack resistance of blow - Moulded polyethylene containers	June, 2020	-	Indigenous
47	IS 9738 : 2003 Reviewed In : 2020	Polyethylene bags for general purposes - Specification (Second Revision)	June, 2020	-	Indigenous
48	IS 9754 : 1981 Reviewed In : 2023	Specification for high density polyethylene containers for packing of liquid pesticides (Up To 1 Litre Capacity)	June, 2023	4	Indigenous

Standards under Development

Projects Approved

Sl. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage		
SI. No.	Doc No.	Title
1	PCD 21 (25951) Revision of: IS 9738:2003	POLYETHYLENE BAGS FOR GENERAL PURPOSES SPECIFICATION

Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title
1	PCD 21 (21293) Revision of: IS 9738:2003	METHODS OF TEST FOR ENVIRONMENTAL STRESS-CRACK RESISTANCE OF BLOW-MOULDED POLYETHYLENE CONTAINERS
2	PCD 21 (21330) Revision of: IS 9738:2003	POLYETHYLENE CONTAINERS FOR PHARMACEUTICAL USE - SPECIFICATION PART 1 OTHER THAN PARENTERAL AND OPHTHALMIC PREPARATIONS
3	PCD 21 (21332) Revision of: IS 9738:2003	PLASTIC CONTAINERS FOR PHARMACEUTICAL USE - SPECIFICATION PART 2 PARENTERAL AND OPHTHALMIC PREPARATIONS
4	PCD 21 (21921) Revision of: IS 9738:2003	Polyethylene Terephthalate PET Containers for the Packaging of Solid and Semi-Solid Foods Including Vanaspati - Specification
5	PCD 21 (22494) Revision of: IS 9738:2003	POLYETHYLENE TEREPHTHALATE PET BOTTLES FOR PACKAGING OF EDIBLE OILS SPECIFICATION
6	PCD 21 (23121) Revision of: IS 9738:2003	Blow Moulded Polyolefin Containers- Specification Part 1 Upto 5 litres capacity
7	PCD 21 (23122) Revision of: IS 9738:2003	BLOW MOULDED POLYOLEFIN CONTAINERS SPECIFICATION PART 2 OVER 5 LITRES UPTO AND INCLUDING 60 LITRES CAPACITY
8	PCD 21 (23123) Revision of: IS 9738:2003	BLOW MOULDED POLYOLEFIN CONTAINERS SPECIFICATION PART 3 CLOSED HEAD CONTAINERS OVER 60 LITRES UPTO AND INCLUDING 250 LITRES CAPACITY
9	PCD 21 (23202) Revision of: IS 9738:2003	POLYETHYLENE CONTAINERS FOR THE TRANSPORT OF MATERIALS SPECIFICATION
10	PCD 21 (23793) Revision of: IS 9738:2003	PLASTIC BOTTLES/CONTAINERS FOR PACKAGING OF NATURAL MINERAL WATER AND PACKAGED DRINKING WATER SPECIFICATION
11	PCD 21 (25596) Revision of: IS 9738:2003	GLOSSARY OF TERMS IN PLASTICS AND FLEXIBLE PACKAGING EXCLUDING PAPER

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
1	PCD 21 (21920) Revision of: IS 14537:1998	Polyethylene terephthalate PET bottles for packaging of alcoholic beverages - Specification

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
1	PCD 21 (19722) Revision of: IS 9754:1981	HIGH DENSITY POLYETHYLENE CONTAINERS FOR PACKING OF LIQUID PESTICIDES UP TO 1 LITRE CAPACITY SPECIFICATION
2	PCD 21 (19724) Revision of: IS 11584:1986	HIGH DENSITY POLYETHYLENE HDPE CRATES FOR MILK POUCHES SPECIFICATION
3	PCD 21 (19728) Revision of: IS 11805:2007	POLYETHYLENE POUCHES FOR PACKAGING LIQUID DAIRY PRODUCTS SPECIFICATION THIRD REVISION
4	PCD 21 (22060)	PLASTIC FEEDING AND DRINKING CONTAINERS ACCESSORIES AND CUTLERIES FOR INFANT AND CHILD USE SPECIFICATION

Total Published Standards:44 Total Standards Under development:17

Aspect Wise Report

Product : 36

Code of Practices : 2
Methods of Test : 3
Terminology : 2
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 1

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 12265 : 1987	Flexible packs for the packing of edible oils
2	IS 14625 : 1999 Reviewed In : 2010 IS/ISO/IEC TR 17032:	Plastics Feeding Bottles
3	IS 14625 : 1999	Plastics Feeding Bottles Bilingual
4	IS 7551 : 1975 Reviewed In : 1992	Method of test for compatibility of plastics containers
5	IS 9907 : 1981 Reviewed In : 2009	High Density Poly-ethylene HDPE Crates for 500-ml Glass Milk Bottles

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10840 : 1994 Reviewed In : 2020	Blow moulded HDPE containers for packing of vanaspati - Specification Second Revision
2	IS 11352 : 2018	Flexible pouches for the packing of vanaspati up to 2 kg or 2 litres - Specification Third Revision
3	IS 11584 : 1986 Reviewed In : 2023	Specification for high density polyethylene HDPE crates for milk satchets
4	IS 11805 : 2007 Reviewed In : 2017	Polyethylene pouches for packaging liquid milk - Specification Second Revision
5	IS 12007 : 1987 Reviewed In : 2024	Specification for laminated collapsible tubes
6	IS 12395 : 1988 Reviewed In : 2023	Specification for disposable trash bags of plastics
7	IS 12512 : 1989 Reviewed In : 2020	HDPE containers - For liquid pesticides - Capacity over 1 and up to 5 litres - Specification
8	IS 12724 : 2004 Reviewed In : 2020	Flexible pouches for packing of refined edible oils up to 5 kg or 5 litre - Specification First Revision
9	IS 12787 : 1989 Reviewed In : 2020	Polyethylene air bubble film - Specification
10	IS 12883 : 1989 Reviewed In : 2020	Polyvinyl chloride PVC bottles for edible oils - Specification
11	IS 12887 : 1989 Reviewed In : 2023	Polyethylene terephthalate PET bottles for packaging of edible oils - Specification
12	IS 13123 : 2000 Reviewed In : 2020	Packing of liquid pesticides - Polyethylene terephthalate PET bottles Up To 5 Litres Capacity - Specification First Revision
13	IS 13289 : 2023	Polypropylene Impact Copolymer PPCP Crates for Milk Pouches Specification First Revision
14	IS 14129 : 1994	Flexible packaging materials for the packing of vanaspati in 10 kg and 15 kg packs - Specification

	Reviewed In : 2020	
15	IS 14537 : 1998 Reviewed In : 2023	Polyethylene terephthalate PET bottles for packaging of alcoholic liquors - Specification
16	IS 14636 : 1998 Reviewed In : 2018	Flexible packaging materials for packaging of edible oils ghee and vanaspati
17	IS 14764 : 2000 Reviewed In : 2020	Polyethylene terephthalate PET containers for packaging of vanaspati - specification
18	IS 15410 : 2003 Reviewed In : 2023	Containers for packaging of natural mineral water and packaged drinking water - Specification
19	IS 15473 : 2004 Reviewed In : 2020	Blow moulded HDPE containers for packaging of edible oils - Specification
20	IS 15532 : 2004 Reviewed In : 2020	Plastics crates for fruits and vegetables - Specification
21	IS 15609 : 2005 Reviewed In : 2020	Polyethylene flexible pouches for the packing of natural mineral water and packaged drinking water - Specification
22	IS 15749 : 2007 Reviewed In : 2024	Fluorinated HDPE bottles and containers - Specification
23	IS 17480 : 2020	High density polyethylene multi squeezable tube for packaging - Specification
24	IS 17931 : 2022 ISO 18167: 2020	Form fill seal bags made from polyethylene for packaging of polymer materials - Specification
25	IS 6312 : 1994 Reviewed In : 2020	Polyethylene containers for the transport of materials - Specification Second Revision
26	IS 6604 : 2023	Code for packaging of solid insecticides up to 1 000g Second Revision
27	IS 7394 : 2024	Plastics Containers for Reserve Fuel Specification Second Revision
28	IS 7408 (Part 1) : 2000 Reviewed In : 2020	Blow moulded polyolefin containers - Specification Part 1 up to 5 litres capacity Second Revision
29	IS 7408 (Part 2) : 2000 Reviewed In : 2020	Blow moulded polyolefin containers - Specification Part 2 over 5 litres up to and including 60 litres capacity First Revision
30	IS 7408 (Part 3) : 2000 Reviewed In : 2020	Blow moulded polyolefin containers - Specification Part 3 closed head containers over 60 litres up to and including 250 litres capacity First Revision
31	IS 7803 (Part 1) : 1975 Reviewed In : 2023	Specification for plastic containers for pharmaceutical use - Part 1 other than parenteral and ophthalmic preparations
32	IS 7803 (Part 2) : 1975 Reviewed In : 2023	Specification for plastic containers for pharmaceutical use - Part II parenteral and ophthalmic preparations
33	IS 7959 : 2023	Polyethylene containers for foam compounds - Specification Second Revision
34	IS 8688 : 1988 Reviewed In : 2020	Plastics bottles for potable water - Specification Second Revision
35	IS 9738 : 2003 Reviewed In : 2020	Polyethylene bags for general purposes - Specification Second Revision
36	IS 9754 : 1981 Reviewed In : 2023	Specification for high density polyethylene containers for packing of liquid pesticides Up To 1 Litre Capacity