

## 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> <i>ISO 6591-2 : 1985</i>	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> <i>ISO 6590-2 : 1986</i>	Packaging - Sacks made from thermoplastic films - Vocabulary (First Revision)	June, 2023	-	Identical under dual numbering
5	IS 11352 : 2018 <i>Reviewed In : 2023</i>	Flexible pouches for the packing of vanaspati up to 2 kg or 2 litres - Specification (Third Revision)	January, 2023	1	Indigenous
6	IS 11584 : 2024	HIGH DENSITY POLYETHYLENE (HDPE) CRATES FOR MILK POUCHES - SPECIFICATION (first revision)		-	Indigenous
7	IS 11584 : 1986 <i>Reviewed In : 2023</i>	Specification for high density polyethylene (HDPE) crates for milk sachets	June, 2023	4	Indigenous
8	IS 11805 : 2024	POLYETHYLENE POUCHES FOR PACKAGING LIQUID DAIRY PRODUCTS "â€” SPECIFICATION (THIRD REVISION)		-	Indigenous
9	IS 11805 : 2007 <i>Reviewed In : 2022</i>	Polyethylene pouches for packaging liquid milk - Specification (Second Revision)	December, 2022	1	Indigenous
10	IS 12007 : 1987 <i>Reviewed In : 2024</i>	Specification for laminated collapsible tubes	January, 2024	2	Indigenous
11	IS 12395 : 1988 <i>Reviewed In : 2023</i>	Specification for disposable trash bags of plastics	June, 2023	2	Indigenous
12	IS 12512 : 1989 <i>Reviewed In : 2020</i>	HDPE containers - For liquid pesticides - Capacity over 1 and up	June, 2020	2	Indigenous

		to 5 litres - Specification			
13	IS 12724 : 2004 Reviewed In : 2020	Flexible pouches for packing of refined edible oils up to 5 kg or 5 litre - Specification (First Revision)	June, 2020	1	Indigenous
14	IS 12787 : 1989 Reviewed In : 2020	Polyethylene air bubble film - Specification	June, 2020	1	Indigenous
15	IS 12883 : 1989 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Polyvinyl chloride (PVC) bottles for edible oils - Specification	October, 2024	3	Indigenous
16	IS 12887 : 1989 Reviewed In : 2023	Polyethylene terephthalate (PET) bottles for packaging of edible oils - Specification	June, 2023	4	Indigenous
17	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
18	IS 13289 : 2023	Polypropylene/Impact Copolymer (PPCP) Crates for Milk Pouches - Specification (First Revision)		-	Indigenous
19	IS 14537 : 1998 Reviewed In : 2023	Polyethylene terephthalate (PET) bottles for packaging of alcoholic liquors - Specification	June, 2023	1	Indigenous
20	IS 14625 : 2015 Reviewed In : 2020	Plastics Feeding Bottles (First Revision)	June, 2020	3	Indigenous
21	IS 14625 (Part 1) : 2015 Reviewed In : 2020	Plastics Feeding Bottles ( First Revision )	June, 2020	-	
22	IS 14636 : 1998 Reviewed In : 2023	Flexible packaging materials for packaging of edible oils, ghee and vanaspati	December, 2023	2	Indigenous
23	IS 14764 : 2000 Reviewed In : 2020	Polyethylene terephthalate (PET) containers for packaging of vanaspati - specification	June, 2020	1	Indigenous
24	IS 15410 : 2003 Reviewed In : 2023	Containers for packaging of natural mineral water and packaged drinking water - Specification	June, 2023	7	Indigenous
25	IS 15473 : 2004 Reviewed In : 2020	Blow moulded HDPE containers for packaging of edible oils - Specification	June, 2020	1	Indigenous
26	IS 15532 : 2004 Reviewed In : 2020	Plastics crates for fruits and vegetables - Specification	June, 2020	1	Indigenous
27	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
28	IS 15749 : 2007 Reviewed In : 2024	Fluorinated HDPE bottles and containers - Specification	January, 2024	-	Indigenous
29	IS 17480 : 2020	High density polyethylene multi squeezable tube for packaging - Specification		2	Indigenous
30	IS 17931 : 2022	Form fill seal bags made from polyethylene for packaging of polymer materials - Specification		-	Indigenous
31	IS 2798 : 1998 Reviewed In : 2023	Methods of test for plastics containers (First Revision)	December, 2023	2	Indigenous

32	IS 6312 : 1994 Reviewed In : 2020	Polyethylene containers for the transport of materials - Specification (Second Revision)	June, 2020	2	Indigenous
33	IS 6604 : 2023	Code for packaging of solid insecticides (up to 1 000g) (Second Revision)		-	Indigenous
34	IS 7019 : 1998 Reviewed In : 2023	Glossary of terms in plastics and flexible packaging, excluding paper (Second Revision)	December, 2023	-	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 : 2023	Polyethylene containers for foam compounds - Specification (Second Revision)		-	Indigenous
44	IS 8688 : 1988 Reviewed In : 2020	Plastics bottles for potable water - Specification (Second Revision)	June, 2020	2	Indigenous
45	IS 8747 : 1977 Reviewed In : 2020	Methods of test for environmental stress - crack resistance of blow - Moulded polyethylene containers	June, 2020	-	Indigenous
46	IS 9738 : 2003 Reviewed In : 2020	Polyethylene bags for general purposes - Specification (Second Revision)	June, 2020	-	Indigenous
47	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

SI. No.	Doc No.	Title
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No Records Found

### Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	PCD 21 (21293)	METHODS OF TEST FOR ENVIRONMENTAL STRESS-CRACK RESISTANCE OF BLOW-MOULDED POLYETHYLENE CONTAINERS
2	PCD 21 (21330)	POLYETHYLENE CONTAINERS FOR PHARMACEUTICAL USE - SPECIFICATION PART 1 OTHER THAN PARENTERAL AND OPHTHALMIC PREPARATIONS
3	PCD 21 (21332)	PLASTIC CONTAINERS FOR PHARMACEUTICAL USE - SPECIFICATION PART 2 PARENTERAL AND OPHTHALMIC PREPARATIONS
4	PCD 21 (21921)	Polyethylene Terephthalate PET Containers for the Packaging of Solid and Semi-Solid Foods Including Vanaspati - Specification
5	PCD 21 (22494)	POLYETHYLENE TEREPHTHALATE PET BOTTLES FOR PACKAGING OF EDIBLE OILS SPECIFICATION
6	PCD 21 (23121)	Blow Moulded Polyolefin Containers- Specification Part 1 Upto 5 litres capacity
7	PCD 21 (23122)	BLOW MOULDED POLYOLEFIN CONTAINERS SPECIFICATION PART 2 OVER 5 LITRES UPTO AND INCLUDING 60 LITRES CAPACITY
8	PCD 21 (23123)	BLOW MOULDED POLYOLEFIN CONTAINERS SPECIFICATION PART 3 CLOSED HEAD CONTAINERS OVER 60 LITRES UPTO AND INCLUDING 250 LITRES CAPACITY
9	PCD 21 (23202)	POLYETHYLENE CONTAINERS FOR THE TRANSPORT OF MATERIALS SPECIFICATION
10	PCD 21 (23793)	PLASTIC BOTTLES/CONTAINERS FOR PACKAGING OF NATURAL MINERAL WATER AND PACKAGED DRINKING WATER SPECIFICATION
11	PCD 21 (25596)	GLOSSARY OF TERMS IN PLASTICS AND FLEXIBLE PACKAGING EXCLUDING PAPER
12	PCD 21 (25951)	POLYETHYLENE BAGS FOR GENERAL PURPOSES SPECIFICATION

### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

### 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 (21920) Revision of: IS 14537:1998	Polyethylene terephthalate PET bottles for packaging of alcoholic beverages - Specification
3	PCD 21 (22060)	PLASTIC FEEDING AND DRINKING CONTAINERS ACCESSORIES AND CUTLERIES FOR INFANT AND CHILD USE SPECIFICATION

Total Published Standards:43 Total Standards Under development:15

### Aspect Wise Report

Product : 35

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 14129 : 1994 Reviewed In : 2020	Flexible packaging materials for the packing of vanaspati in 10 kg and 15 kg packs - Specificaiton
3	IS 14625 : 1999 Reviewed In : 2010 IS/ISO/IEC TR 17032:	Plastics Feeding Bottles
4	IS 14625 : 1999	Plastics Feeding Bottles Bilingual
5	IS 7551 : 1975 Reviewed In : 1992	Method of test for compatibility of plastics containers
6	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 Reviewed In : 2023	Flexible pouches for the packing of vanaspati up to 2 kg or 2 litres - Specification Third Revision
3	IS 11584 : 2024	HIGH DENSITY POLYETHYLENE HDPE CRATES FOR MILK POUCHES - SPECIFICATION first revision
4	IS 11805 : 2024	POLYETHYLENE POUCHES FOR PACKAGING LIQUID DAIRY PRODUCTS SPECIFICATION THIRD 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 : 2024 Decision taken to Reaffirm and Archive	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	Packing of liquid pesticides - Polyethylene terephthalate PET bottles Up To 5 Litres Capacity -

	Reviewed In : 2020	Specification First Revision
13	IS 13289 : 2023	Polypropylene Impact Copolymer PPCP Crates for Milk Pouches Specification First Revision
14	IS 14537 : 1998 Reviewed In : 2023	Polyethylene terephthalate PET bottles for packaging of alcoholic liquors - Specification
15	IS 14636 : 1998 Reviewed In : 2023	Flexible packaging materials for packaging of edible oils ghee and vanaspati
16	IS 14764 : 2000 Reviewed In : 2020	Polyethylene terephthalate PET containers for packaging of vanaspati - specification
17	IS 15410 : 2003 Reviewed In : 2023	Containers for packaging of natural mineral water and packaged drinking water - Specification
18	IS 15473 : 2004 Reviewed In : 2020	Blow moulded HDPE containers for packaging of edible oils - Specification
19	IS 15532 : 2004 Reviewed In : 2020	Plastics crates for fruits and vegetables - Specification
20	IS 15609 : 2005 Reviewed In : 2020	Polyethylene flexible pouches for the packing of natural mineral water and packaged drinking water - Specification
21	IS 15749 : 2007 Reviewed In : 2024	Fluorinated HDPE bottles and containers - Specification
22	IS 17480 : 2020	High density polyethylene multi squeezable tube for packaging - Specification
23	IS 17931 : 2022 ISO 18167: 2020	Form fill seal bags made from polyethylene for packaging of polymer materials - Specification
24	IS 6312 : 1994 Reviewed In : 2020	Polyethylene containers for the transport of materials - Specification Second Revision
25	IS 6604 : 2023	Code for packaging of solid insecticides up to 1 000g Second Revision
26	IS 7394 : 2024	Plastics Containers for Reserve Fuel Specification Second Revision
27	IS 7408 (Part 1) : 2000 Reviewed In : 2020	Blow moulded polyolefin containers - Specification Part 1 up to 5 litres capacity Second Revision
28	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
29	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
30	IS 7803 (Part 1) : 1975 Reviewed In : 2023	Specification for plastic containers for pharmaceutical use - Part 1 other than parenteral and ophthalmic preparations
31	IS 7803 (Part 2) : 1975 Reviewed In : 2023	Specification for plastic containers for pharmaceutical use - Part II parenteral and ophthalmic preparations
32	IS 7959 : 2023	Polyethylene containers for foam compounds - Specification Second Revision
33	IS 8688 : 1988 Reviewed In : 2020	Plastics bottles for potable water - Specification Second Revision
34	IS 9738 : 2003 Reviewed In : 2020	Polyethylene bags for general purposes - Specification Second Revision
35	IS 9754 : 1981 Reviewed In : 2023	Specification for high density polyethylene containers for packing of liquid pesticides Up To 1 Litre Capacity