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	Guide on suitability of plastics for	June, 2020	2	Indigenous
	Reviewed In: 2020	food packaging (Second Revision)			
2	IS 10840 : 1994	Blow moulded HDPE containers	June, 2020	5	Indigenous
	Reviewed In: 2020	for packing of vanaspati -			
		Specification (Second Revision)			
3	IS 11342 : 1994	Packaging - Sacks made from	June, 2023	-	Identical under dual
	ISO 6591-2	thermoplastic films - Description			numbering
	Reviewed In: 2023	and method of measurement (First			
	ISO 6591-2 : 1985	Revision)			
4	IS 11343 : 1994	Packaging - Sacks made from	June, 2023	-	Identical under dual
	ISO 6590	thermoplastic films - Vocabulary			numbering
	Reviewed In: 2023	(First Revision)			
	ISO 6590-2 : 1986				
5	IS 11352 : 2018	Flexible pouches for the packing of		1	Indigenous
		vanaspati up to 2 kg or 2 litres -			
	-	Specification (Third Revision)			
6	IS 11584 : 1986	Specification for high density	June, 2023	4	Indigenous
	Reviewed In: 2023	polyethylene (HDPE) crates for			
	YG 44005 2005	milk satchets	D 1 2015	1	Y 11
7	IS 11805 : 2007	Polyethylene pouches for	December, 2017	1	Indigenous
	Reviewed In: 2017	packaging liquid milk -			
	YG 12005 1005	Specification (Second Revision)	2024		Y 11
8	IS 12007 : 1987	Specification for laminated	January, 2024	2	Indigenous
	Reviewed In : 2024	collapsible tubes	1 2022	2	T 1'
9	IS 12395 : 1988	Specification for disposable trash	June, 2023	2	Indigenous
10	Reviewed In: 2023 IS 12512: 1989	bags of plastics	I 2020	2	To diagram
10		HDPE containers - For liquid	June, 2020	2	Indigenous
	Reviewed In: 2020	pesticides - Capacity over 1 and up to 5 litres - Specification			
11	IS 12724 : 2004	Flexible pouches for packing of	June, 2020	1	Indigenous
11	Reviewed In : 2020	refined edible oils up to 5 kg or 5	June, 2020	1	murgenous
	Reviewed III . 2020	litre - Specification (First			
		Revision)			
12	IS 12787 : 1989	Polyethylene air bubble film -	June, 2020	1	Indigenous
12	Reviewed In : 2020	Specification	June, 2020	1	margonous
13	IS 12883 : 1989	Polyvinyl chloride (PVC) bottles	June, 2020	3	Indigenous
13	Reviewed In : 2020	for edible oils - Specification	34110, 2020		margonous
\vdash	110 110 Wed III . 2020	Tor earlie one openication		+	

l ₁₄	IS 12887 : 1989	Delvethylane taranhtheleta (DET)	June 2022	I 4 I	Indiannous
14	Reviewed In : 2023	Polyethylene terephthalate (PET)	June, 2023	4	Indigenous
	Reviewed III: 2025	bottles for packaging of edible oils			
1.5	IS 13123 : 2000	- Specification	I 2020	1	T., 4'
15		Packing of liquid pesticides -	June, 2020	1	Indigenous
	Reviewed In: 2020	Polyethylene terephthalate (PET)			
		bottles (Up To 5 Litres Capacity) -			
1.5	YG 12200 2022	Specification (First Revision)			Y 11
16	IS 13289 : 2023	Polypropylene/Impact Copolymer		-	Indigenous
		(PPCP) Crates for Milk Pouches			
		â€" Specification (First Revision)			
17	IS 14129 : 1994	Flexible packaging materials for	June, 2020	2	Indigenous
	Reviewed In: 2020	the packing of vanaspati in 10 kg			
		and 15 kg packs - Specification			
18	IS 14537 : 1998	Polyethylene terephthalate (PET)	June, 2023	1	Indigenous
	Reviewed In: 2023	bottles for packaging of alcoholic			
		liquors - Specification			
19	IS 14625 : 2015	Plastics Feeding Bottles (First	June, 2020	3	Indigenous
L	Reviewed In: 2020	Revision)			
20	IS 14625 (Part 1):	Plastics Feeding Bottles (First	June, 2020	-	
	2015	Revision)			
		·			
	Reviewed In: 2020				
21	IS 14636 : 1998	Flexible packaging materials for	December, 2018	2	Indigenous
	Reviewed In: 2018	packaging of edible oils, ghee and	,		8
		vanaspati			
22	IS 14764 : 2000	Polyethylene terephthalate (PET)	June, 2020	1	Indigenous
	Reviewed In: 2020	containers for packaging of	vane, 2020		margonous
	Reviewed III : 2020	vanaspati - specification			
23	IS 15410 : 2003	Containers for packaging of natural	June, 2023	7	Indigenous
	Reviewed In : 2023	mineral water and packaged	June, 2023	,	margenous
	Reviewed III . 2023	drinking water - Specification			
24	IS 15473 : 2004	Blow moulded HDPE containers	June, 2020	1	Indigenous
24	Reviewed In : 2020	for packaging of edible oils -	Julie, 2020	1	margenous
	Reviewed III: 2020				
25	IS 15532 : 2004	Specification Plastics crates for fruits and	June, 2020	1	Indiana.
23			Julie, 2020	1	Indigenous
26	Reviewed In : 2020		J 2020	2	To dia conserva
26	IS 15609 : 2005	Polyethylene flexible pouches for	June, 2020	2	Indigenous
	Reviewed In: 2020	the packing of natural mineral			
		water and packaged drinking water			
<u></u>	YO 4 # = 10	- Specification	* ***		· ··
27	IS 15749 : 2007	Fluorinated HDPE bottles and	January, 2024	-	Indigenous
	Reviewed In: 2024	containers - Specification			· · · ·
28	IS 17480 : 2020	High density polyethylene multi		2	Indigenous
		squeezable tube for packaging -			
		Specification			
29	IS 17931 : 2022	Form fill seal bags made from		-	Indigenous
		polyethylene for packaging of			
<u></u>		polymer materials - Specification			
30	IS 2798 : 1998	Methods of test for plastics	December, 2018	2	Indigenous
<u></u>	Reviewed In: 2018	containers (First Revision)			
31	IS 6312 : 1994	Polyethylene containers for the	June, 2020	2	Indigenous
	Reviewed In: 2020	transport of materials -			
		Specification (Second Revision)			
32	IS 6604 : 2023	Code for packaging of solid		-	Indigenous
		insecticides (up to 1 000g) (Second			
L_		Revision)			
33	IS 7019 : 1998	Glossary of terms in plastics and	December, 2018	-	Indigenous
	Reviewed In: 2018	flexible packaging, excluding paper			-
		(Second Revision)			
	i e	i í		1	

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 â€" Specification (Second Revision)		-	Indigenous
36	IS 7408 (Part 1): 2000 Reviewed In: 2020	containers - Specification: Part 1:		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			
SI. No.	SI. No. Doc No. Title				
	No Records Found				

Preliminary Draft Standards

SI. No.	Doc No.	Title
	No Records Found	

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

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

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

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

SI. No.	IS No. & Year	Title
1	IS 12265 : 1987	Flexible packs for the packing of edible oils
2	IC 14605 - 1000	Disstina Fanding Dattles
2	IS 14625 : 1999	Plastics Feeding Bottles
	Reviewed In:	
	2010 IS/ISO/IEC TR	
	17032:	
3	IS 14625 : 1999	Plastics Feeding Bottles Bilingual
4	IS 7551 : 1975	Method of test for compatibility of plastics containers
	Reviewed In: 1992	
5	IS 9907 : 1981	High Density Poly-ethylene HDPE Crates for 500-ml Glass Milk Bottles
	Reviewed In: 2009	

Annexure-II : List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10840 : 1994	Blow moulded HDPE containers for packing of vanaspati - Specification Second Revision
	Reviewed In: 2020	
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	Specification for high density polyethylene HDPE crates for milk satchets
	Reviewed In: 2023	
4	IS 11805 : 2007	Polyethylene pouches for packaging liquid milk - Specification Second Revision
	Reviewed In: 2017	
5	IS 12007 : 1987	Specification for laminated collapsible tubes
	Reviewed In: 2024	
6	IS 12395 : 1988	Specification for disposable trash bags of plastics
	Reviewed In: 2023	
7	IS 12512 : 1989	HDPE containers - For liquid pesticides - Capacity over 1 and up to 5 litres - Specification
	Reviewed In: 2020	
8	IS 12724 : 2004	Flexible pouches for packing of refined edible oils up to 5 kg or 5 litre - Specification First
	Reviewed In: 2020	Revision
9	IS 12787 : 1989	Polyethylene air bubble film - Specification
	Reviewed In: 2020	
10	IS 12883 : 1989	Polyvinyl chloride PVC bottles for edible oils - Specification
	Reviewed In: 2020	
11	IS 12887 : 1989	Polyethylene terephthalate PET bottles for packaging of edible oils - Specification
	Reviewed In: 2023	
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 14129 : 1994	Flexible packaging materials for the packing of vanaspati in 10 kg and 15 kg packs - Specificaito

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