

AMENDMENT NO. 1 MARCH 2022

TO

**IS 1848 (PART 1) : 2018 WRITING AND PRINTING PAPERS —
SPECIFICATION**

**PART 1 ACCOUNT BOOK, AZURE LEAD, BOND, CREAM LAID AND
CREAM WOVE/PRINTING WHITE/PRINTING COLOURED/PRINTING
OFFSET, PRINTING MAPLITHO, PRINTING WHITE SUPER
CALENDERED AND TYPEWRITING TYPES**

(Fifth Revision)

[Page 2, clause 5.2 c)] — Substitute first sentence with the following:

‘Mass of 500 sheets including wrapping paper, in kg/ream or 250 sheets including wrapping paper, in kg/
packet’.

(Page 3, Table 1) — Replace the existing table with the following:

Table 1 Requirements for Writing and Printing Papers

(Clauses 4.6, 4.7 and 6.2)

Sl No.	Characteristics	Requirements							Method of Test	
		Account book	Azure laid	Bond	Cream laid and cream wove/ printing white/ printing coloured/ printing offset	Printing, maplitho	Printing, white super calendered	Typewriting		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
i	Tensile Index Nm/g <i>Min</i>	CD	17	17	25	17	20	17	20	IS 1060 (Part 5/ Sec 6)
		MD	25	25	40	25	30	25	25	
ii	Brightness ISO, Percent, <i>Min</i>		80	-	90	78	82	80	75	IS 1060 (Part 4/ Sec 13)
iii	Opacity Percent, <i>Min</i>		85	85	90	85	85	75	-	IS/ISO 2471
iv	One Minute Cobb Test g/m ² , <i>Max</i> Average		25	25	25	25	25	25	25	IS 1060 (Part 5/ Sec 4)
v	Number of Double Fold, <i>Min</i>	CD	10	10	10	-	10	-	-	IS 1060 (Part 6/ Sec 3)
		MD	15	15	15	-	15	-	-	
vi	Gloss Percent <i>Min</i>		-	-	-	-	-	15	-	IS 1060 (Part 5/ Sec 12)

Price Group 1

Table 1 (Concluded)

SI No.	Characteristics	Requirements							Method of Test
		Account book	Azure laid	Bond	Cream laid and cream wove/ printing white/ printing coloured/ printing offset	Printing, maplitho	Printing, white super calendered	Typewriting	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
vii	Wax Pick	No pick on 8A	-	-	No pick on 8A	No pick on 10A	-	-	Cl.8 of IS 1060 (Part 3)
viii	Smoothness (Bendtsen) ml/ min <i>Max</i>	300	280	350	300	300	-	300	Cl.3 of IS 9894
ix	Tear Index $mN.m^2/g$ <i>Min</i>	CD	4.0	4.0	5.0	4.0	4.0	4.0	IS 1060 (Part 6/ Sec 1)
		MD	3.5	3.5	4.0	3.5	3.5	3.5	

NOTES:

i) Requirement of brightness and gloss are applicable for white papers only.

ii) Tensile index = (Breaking length \times 0.009 8); Tear index = (Tear factor \times 0.098)

CD = Cross direction MD = Machine direction