

**Paper Materials and Products UNSPSC 14000000**

**Paper Products UNSPSC 14110000**

**Class - Printing and Writing Paper UNSPSC 14111500**

**Commodity -Photocopier Paper UNSPSC 141115**

**Selling Unit : Quantity - Ream**

Sr. No.	Parameters	Type	Value 1	Value 2	Value 3		Validation / Remarks	Unit
<b>Certification</b>								
1	Conforming to Indian Standard IS 14490 : latest (Writing and Printing Papers)	Ch	Yes					
2	ISI Marking	Ch	Yes	No				
3	Indicate BIS Licence number	Ch	Yes					
4	CM/L Number	Ch					Must Declare if ISI Marked	
<b>Test Report Details</b>								
5	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No				
6	Test Report to be Submitted to the Buyer on demand	Ch	Yes					
7	Test Report Number	Ch					Must Declare	
8	Test Report Date	Ch					Must Declare	
9	Name of the Lab	Ch					Must Declare	
10	Address of the Lab	Ch					Must Declare	
<b>Type and Colour</b>								
11	Printing of logo	Ch	single colour	multicolour				
12	Details of printing	Ch						

13	Watermark logo	Ch	yes	No				
14	Details of logo	Ch	yes					
15	Colour, size and location of logo will be specified in purchased order	Ch	yes					
<b>General Requirements</b>								
16	The plain copier paper shall be devoid of pinholes. The surface shall be well calendered, quite smooth and free from fluff or loose fibres. Surface sizing with starch is desirable for avoiding fluff.	Ch	yes					
17	The paper shall have good dimensional stability, thermal stability and shall not have any static charge.	Ch	yes					
18	Moisture contained in (in percent)	N	Yes				4<N<5.5	
19	The paper shall not have the degree of Curl more than 5.0 (mm)	N	Yes					
20	Brightness, percent, Min	N	80					
21	Opacity, percent, Min	N	85					
22	One minute Cobb test, g/m <sup>2</sup> , Max	N	25					
23	Surface strength, Dennison(Wax Pick)	N	No pick on 12 A					

24	Smoothness for both sides (Bendsten),ml/min	N	150-300					
25	Ash content, percent by mass, Max	N	16					
26	Taber stiffness, Min a) Machine direction (MD)	N	2					
27	Taber stiffness, Min b) Cross direction (CD)	N	1					
28	Tear Index, mN.m <sup>2</sup> /g, Mitt	N	4.5					
29	Tensile index, N.m/g, Min a) MD	N	40					
30	Tensile index, N.m/g, Min b) CD	N	25					
<b>Size and GSM</b>								
31	Size of paper	Ch	A3	NA				
32	Grammage (GSM)(g/m <sup>2</sup> )	N	65	70	75	80		
<b>Packing</b>								
33	Number of sheets in a pack (Nos)	N						
34	Net weight per pack (kg)	N						

35	Paper in reams shall be securely packed with one layer of wrapping paper/ duplex board of min 200 GSM or two layers of wrapping paper of 100 gsm(min) each. The reams inside the carton shall be covered with LDPE film of 0.01 mm thick (min). Finally 10/5 reams shall be packed in carton of 5 ply construction suitable for safe rail/road transit. These carton shall be of double wall construction generally conforming to IS:	Ch	Yes					
	If any other type please specify details.	Ch	Yes					
36	For ECO Mark, the product shall be packed in such packages which shall be recyclable/ reuseable or biodegradable.	Ch	Yes					
<b>Marking</b>								
37	The package shall be marked with Description and size of the paper	Ch	Yes					

38	Thickness in microns and substance in g/m2	N	Yes					
39	Quantity	N	Yes					
40	Lot No.and month and year of manufacture	Ch	Yes					
41	Indication of the source of manufacture.	Ch	Yes					


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