

Commodity-offset ink, blank; UNSPSC Code:												
Selling Unit : mass-kg												
Sr. No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation n / Remarks	Unit	M	F	G	Demand Aggregati on
Requirements												
5	The ink shall consist of a suitable dispersion of carbon black in oleoresinous varnish, vegetable and/or hydrocarbon oils and additives or toners, if required, as deemed to qualify for offset ink, black, for general purposes	Ch	Yes						√			
6	There are various kinds of offset printing machines and the ink should have good print characteristics and good machine runnability on uncoated/absorbent stocks	Ch	Yes						√			

7	The ink shall have sufficient colour strength to produce print matters of 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18 points range and shall be able to produce clear and sharp prints with no *filling-in' or 'spreading-of' half-tones. The prints shall be comparable to the approved/ standard sample with uniform print lay	Ch	Yes						√			
	The hue shall be comparable with the approved/ standard ink when tested as per the method prescribed in 4.1 of IS 6931 : 1972.	Ch	Yes						√			
	The tinting strength of the ink shall be within +/- 5 percent of the approved/standard ink, when tested by the method prescribed in 4.2 of IS 6931 : 1972	Ch	Yes						√			
	The material shall be not coarser than 15 microns when tested for fineness of dispersion of pigment particles in the medium as per the method prescribed in 4.5 of IS 6931 : 1972.	Ch	Yes						√			

	The density of the ink when tested as per the method prescribed in 4.3.3 of IS 6931 : 1972 shall be within +/- 5 percent of the approved/ standard ink.	Ch	Yes						√			
	Printing Strength, Distribution and Covering Power -The ink shall be considered to possess satisfactory covering power and distribution property if no white areas or specks show through the dried film of the ink when tested by the method prescribed in 4.6 of IS 6931 : 1972 using a standard printability tester or a suitable proofing machine.	Ch	Yes						√			
	The ink shall not exhibit any strike through when tested by the method prescribed in 4.7 of IS 6931 : 1972	Ch	Yes						√			
	The ink shall dry as quickly as the approved/ standard ink when tested by the method prescribed in 4.9 of IS 6931 : 1972.	Ch	Yes						√			

	The setting time of the ink shall be equal to that of approved/standard ink when tested by the method prescribed in 4.10 of IS 6931 : 1972.	Ch	Yes						√			
	The tack of the ink shall be within +/- 5 percent of the approved/standard ink when tested by the method prescribed in 4.3 of IS 6931 : 1972, using any standard tack measuring instrument.	Ch	Yes						√			
	Lithographic Resistance to Fountain Solution -The ink shall pass the test prescribed in 4.15 of IS 6931 : 1972.	Ch	Yes						√			
Packing												
8	The material shall be suitably packed in containers as agreed to between the purchaser and the supplier (see IS 3680 : 1987).	Ch							√			
9	Packing size	Text							√	√		
Marking												

10	The containers shall be securely closed and legibly and indelibly marked with the following: a) Description of the material, b) Indication of the source of manufacture, c) Month and year of manufacture, d) Net mass of the material, and e) Lot number in code or otherwise to enable the batch of manufacture to be traced from records.	Ch	Yes						√			
11	The containers may also be marked with Standard Mark.	Ch	Yes						√			
Shelf Life												
12	Shelf Life	N	18					months	√	√		
Certification												
13	Conformity to BIS specifications IS: 6830 (Latest)	Ch	Yes						√			
14	BIS License number, if ISI Marked	Ch	Text	NA					√			
15	Whether ISI marked	Ch	Yes	No					√	√		
Test Report Details												
16	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No					√	√		

17	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA						√	√		
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