Technical Specifications for Sanitary Pad.

1	**Type and Physical Finishing.** Regular with wings,napkin with uniform thickness throughout, without any wrinkles and distortion.The Sanitary napkins shall soft feel and when worn shall not chafe or give any uncomfortable feeling .They shall be free from all foreign matter.
2	**Raw Material Permitted:** **a. Absorbent Filter**- plant-based raw materials such as wood pulp, cellulose pulp, bamboo fiber, banana fiber, and corn which have natural sterilization effects, These materials should have natural sterilization effects.tissue paper, pure cotton , shall be free from lumps, oil spots, dirt, and foreign material **b. Covering Material:**The covering of the absorbent filter shall be good-quality cotton or rayon knitted sleeving, gauze, or non-woven fabric.with sufficient porosity to permit the assembled sanitary pad to meet the absorbency requirements.
3	**Size:** Minimum size including (240±20 mm length and 60 to 75 mm width, thickness 15mm ±2 mm.) The sanitary napkin shall have the following dimensions: **Length:** 240 ± 20 mm **Width:** 60–75 mm **Thickness:** 15 ± 2 mm
4	**Absorbency** : The sanitary pad shall absorb at least **30 mL of colored distilled water** and it shall not show any leakage at the bottom or sides of the sanitary napkin
5	. **Disposability:** The disposable sanitary pad, with covering removed, shall be immersed in **15 liters of water** and stirred. The pad shall disintegrate in the water in not more than **5 minutes**.

6	**Colour :** The product shall be white in colour and shall be almost odourless
7	**pH Value:** Free from acid and alkali, pH of absorbent material shall be 6-8.5 (Tested as per the method given in **Indian Standard IS 1390)**
8	**Hygiene Testing Requirement**: Total viable count (total number of bacteria and fungi) shall be not more than 1000 cfu/gm and absence of Staphylococcus aureus. The napkin shall be tested for the presence of staphylococcus aureus in accordance with IS 5887
9	**Safety Declaration** The manufacturer shall declare that all ingredients used in the product are safe for human use based on its known toxicological characteristics at intended use.
10	Packaging Type: At least 90% Compostable pack, protecting package to product
11	**Packaging Size**: Minimum 8 pads per pack.
12	**Biodegradability or Compostability Requirements** At least 90% degrade within 6 months (testing is performed and conformed from recognized and approved laboratory).

Summary

Parameter	Requirement
Type	Regular sanitary napkin with wings
Length	240 ± 20 mm
Width	60–75 mm
Thickness	15 ± 2 mm
Minimum absorbency	30 mL
Leakage	No leakage from the bottom or sides
Disintegration time	Maximum 5 minutes
Water for disintegration test	15 litres
Colour	White
Odour	Almost odourless
pH value	6–8.5
Total viable count	Maximum 1,000 CFU/g
Staphylococcus aureus and fungi	Absent
Allerigic dust	Absent

अनुसूची-१

(दफा ३ को उपदफा (४) सँग सम्बन्धित)

स्यानीटरी प्याडको न्यूनतम मापदण्ड

1.	**Type and physical finishing:** Regular with wing, napkin with uniform thickness throughout without any wrinkles and distortion. The sanitary napkins shall have a soft feel and when worn shall not chafe or give any uncomfortable feeling. They shall be free from all sorts of foreign matter.
2.	**Raw Material permitted**: a. Absorbent filter: plant-based raw materials such as wood pulp, cellulose pulp, bamboo fiber, banana fiber and corn which have natural sterilization effects, tissue paper, pure cotton, shall be free from lumps, oil spots, dirt or foreign material. b. Covering: The covering of the absorbent filter shall be of a good quality cotton or rayon knitted sleeving, gauze or non-woven fabric with sufficient porosity to permit the assembled pad to meet absorbency requirements.
3	**Size:** size including minimum (240±20 mm length and 60 to 75 mm width, thickness 15mm ±2 mm).
4.	**Absorbency:** the sanitary pad shall absorb at least 30 ml of colored distilled water and it shall not show leakage at the bottom or sides of the sanitary napkin.
5.	**Disposability:** disposable pad with the covering removed, shall be immersed in 15 liters of water and stirred. The pad shall disintegrate in the water in not more than 5 minutes.
6.	**Colour:** The product shall be white in colour and shall be almost odourless.
7.	**PH value:** free from acid and alkali, pH of absorbent material shall be 6-8.5 (tested as per the method given in Indian Standard 1390)
8.	**Hygiene testing requirement:** Total viable count (total number of bacteria and fungi) shall be not more than 1000 cfu/gm and absence of Staphylococcus aureus. The napkin shall be tested for the presence of staphylococcus aureus in accordance with IS 5887

	(Part 2).
9.	The manufacturer shall declare that all ingredients used in the product are safe for human use based on its known toxicological characteristics at intended use.
10.	**Packaging type**: at least 90% Compostable pack, protecting package to product
11.	**Packaging size:** minimum 8 pads per pack
12.	**Biodegradability or Composability requirements:** At least 90% degrade within 6 months (testing is performed and conformed from recognized and approved laboratory)