

Disposable Sanitary Napkin, Maternity Pad, Panty Liner - IS 5405

| Test Parameter | International / Indian Standard | Sample Requirement | Turn Around Time |
|--|------------------------------------|---|------------------|
| Cover/Top sheet | IS 5405 Clause 3.1 | 10 Sanitary Napkins (one unopened pack with final marking and packing details containing lot no., batch no., etc.,) | 2 days |
| Absorbent Core | IS 5405 Clause 3.2 | | |
| Barrier or Bottom Sheet | IS 5405 Clause 3.3 | | |
| Type of sanitary napkins | IS 5405 Clause 4.1 | | |
| Shapes of sanitary napkins | IS 5405 Clause 4.2 | | |
| Manufacture, workmanship and Finish | IS 5405 Clause 6.0 | | |
| Marking | IS 5405 Clause 9.0 | | |
| Packing | IS 5405 Clause 10.0 | | |
| Sizes (Core length, Core width) | IS 5405 Clause 5.0 | | |
| pH Value | IS 1390 (Cold Method) | | |
| Phthalate test | IS 9873 Part 6 | | |
| Ability to withstand pressure after absorption | IS 5405 – Annex B | | |
| Bacterial and Fungal Bio burden | ISO 11737 part 1 | One unopened pack | 7 days |
| Isolation and Identification of normal flora S. Aureus | IS 5887 Part 2 | | 3 days |
| Cytotoxicity (Optional) | ISO 10993 Part 5 (Test on Extract) | One unopened pack | 10 days |
| Skin Irritation (Optional) | ISO 10993 Part 23 | One unopened pack | 2 Months |
| Skin Sensitization (Optional) | ISO 10993 Part 10 | | 3 Months |
| Biodegradability and Compostability (Optional) | IS/ISO 17088 | 10 Sanitary Napkins | |

Reusable Sanitary Napkins/period panties - IS 17514

| Test Parameter | International / Indian Standard | Sample Requirement | Turn Around Time |
|--|---------------------------------------|--|------------------|
| General Requirements | | | |
| Cover/Top sheet | IS EN Clause 3.1 | 10 Sanitary Napkins (one unopened pack with final marking and packing details containing lot no., batch no., etc.,) | 2 days |
| Absorbent Core | IS 17514 Clause 3.2 | | |
| Barrier or Bottom Sheet | IS 17514 Clause 3.3 | | |
| Manufacture, workmanship and Finish | IS 17514 Clause 4 | | |
| Fastening mechanism | IS 17514 Clause 5 | | |
| Washing, drying and handling instruction | IS 17514 Clause 7 | | |
| Marking | IS 17514 Clause 12 | | |
| Packing | IS 17514 Clause 13 | | |
| Sizes (Core length, Core width) | IS 17514 Clause 6 | | |
| Colour fastness to rubbing | IS/ISO 105-X12 | 10 Sanitary Napkins | |
| Colour fastness to perspiration (acidic and alkaline) | IS/ISO 105-E04 | | |
| Colour fastness to washing Commercial Laundering method | IS/ISO 105-C06 | | |
| Dimensional stability to washing | Annex C of IS 16394 | | |
| Performance Requirements | | | |
| pH Value | IS 1390 (Cold Method) | 1 unopened pack | 2 days |
| Phthalate test | IS 9873 Part 6 | | |
| Washing for ability to withstand pressure after absorption | IS 17514 – Annex B | | |
| Ability to withstand pressure after absorption | | | |
| Bacterial and Fungal Bio burden | ISO 11737 part 1 | | 7 days |
| Isolation and Identification of normal flora S. aureus | IS 5887 Part 2 | | |
| Cytotoxicity | ISO 10993 Part 5 (Test on Extract) | 1 unopened pack | 10 days |
| Skin Irritation | ISO 10993 Part 23 | 1 unopened pack | 2 Months |
| Skin Sensitization | ISO 10993 Part 10 | | 3 Months |
| Anti-Bacterial Activity Value (Optional) | ISO 20743 | 1 unopened pack | 5 Days |