

Laboratory ITC Limited, Textile Testing Laboratory, Lifestyle Retailing Business Division, Plot No. 3, Sector 5, IMT Manesar, Gurgaon, Haryana

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 11.02.2014

Certificate Number T-2836 **Valid Until** 10.02.2016

Last Amended on 09.02.2015 **Page** 1 of 1

| S.No. | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing / Limits of Detection |
|-----------------------------|----------------------------|--|---|---|
| I. TEXTILE MATERIALS | | | | |
| 1. | Fabric | Construction (Woven) | ASTM D 3775: 2012 | (100 to 1000) per dm (25 to 250) Threads per inch |
| | | Count of yarn removed from fabrics | ITC/LAB/TM/01: 2013 (In-house Method) | (1 to 60) Tex (1 to 120) ^s Ne (10 to 500) Denier |
| | | Weight per square meter | ASTM D 3776: 2009, Option C | Upto 600 gsm |
| | | Tensile Strength (One Inch Grab) | ASTM D 5034: 2009 | 50 N to 3000 N (11 to 661) lbs |
| | | Tear Strength | ASTM D 1424: 2009 | 2 N to 50 N (0.5 to 11.3) lbs |
| | | Pilling | ISO 12945-II: 2000 | Grade 1 to 5 (Qualitative) |
| | | Abrasion Resistance Thread Breakage | ISO 12947-II: 1998 | Upto 99999 cycles |
| | | Abrasion Resistance Mass Loss | ISO 12947-III: 1998 | Upto 30 % |

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