

Corrigendum

In the paper entitled “Thermal properties of single and double layer fabric assemblies”, *Indian J Fibre Text Res*, Vol. 38, December 2013, pp. 387-394, there was an error in Table 2 and related discussion under Section 3.1 (Physical Properties of Fabrics).

The revised Section 3.1 and Table 2 should read as:

3.1 Physical Properties of Fabrics

The physical characteristics of woven fabrics are given in Table 2. Areal density and thickness of fabric are important parameters as far as the thermal properties of fabrics are concerned. The thickness of woven uniform fabrics (OL1- OL11) varies in a wide range between 0.36 mm and 0.63 mm. Shirting fabrics (OL12 and OL13) have comparatively lower thickness of 0.27mm and 0.3 mm respectively. Areal density of uniform fabrics ranges from 190 g/m² to 280 g/m². Shirting fabrics (OL12 and OL13) are of much lower weight at 115 g/m² and 135 g/m² respectively. Knit fabrics lie on the lower end of areal density at 119 g/m² (IL1) and 145 g/m² (IL2).

The single jersey (IL1) and rib knit fabrics (IL2) have a thickness of 0.53 mm and 0.83mm and areal density of 119 g/m² and 145 g/m² respectively. The wales/courses per inch for the single jersey and rib knits are 40/49 and 49/60 and yarn counts are 44 Ne and 40 Ne respectively.

Table 2 –Physical properties of test fabrics

Sample code	Thickness, mm	Areal density, g/m ²	EPI	PPI	Warp count, Ne	Weft count, Ne	Cover factor
OL1	0.39	200	75	70	18	18	23.7
OL2	0.63	280	40	36	8	8	20.44
OL3	0.57	255	64	56	11	14	23.85
OL4	0.44	225	58	54	13	11	23.04
OL5	0.36	190	70	50	16	16	22.19
OL6	0.44	205	64	50	13	13	22.85
OL7	0.49	250	100	64	18	18	25.96
OL8	0.42	235	110	72	18	36	26.82
OL9	0.48	260	70	56	13	13	24.2
OL10	0.5	245	84	54	12	14	26.2
OL11	0.51	252	60	60	12	12	23.93
OL12*	0.27	115	190	90	64	64	25.25
OL13*	0.3	135	145	75	40	40	25.19

* Shirting fabric.

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