



|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| Fabric name         | Opal-250                                                                            |
| Fabric weight       | 250 ± 5 gsm                                                                         |
| Composition         | 95% Cotton, 5% Spandex                                                              |
| Full width          | 150 ± 2 cm                                                                          |
| Weave               | Twill 2/1                                                                           |
| Fabric Finishes     | -                                                                                   |
| Area of use         | work and outdoor clothing                                                           |
| Washing instruction |  |

## Physical properties\*

|   |                                                          |                  | warp      | weft   |
|---|----------------------------------------------------------|------------------|-----------|--------|
| 1 | Tensile strength, N                                      | ISO 13934-1:2013 | 1060*     | 350*   |
| 2 | Tearing strength, N                                      | ISO 13937-3:2000 | 16.3*     | 10.8*  |
| 3 | Dimensional Stability To Washing, max.                   | ISO 6330:2000    | -4.3%*    | -2.5%* |
| 4 | Abrasion Resistance                                      | ISO 12947-2:2002 | > 20 000* |        |
| 5 | Pilling Resistance (after 1000 rev.)                     | ISO 12945-2:2000 | 4*        |        |
| 6 | Colour Fastness To Washing (cotton+polyester) 60°C, min. | ISO 105-C06:2010 |           |        |
|   | Colour change                                            | ISO 105-C06:2010 | 5*        |        |
|   | Colour staining                                          | ISO 105-C06:2010 | 4-5*      |        |
| 7 | Colour Fastness To Perspiration, min.                    | ISO 105-E04:2013 |           |        |
|   | Colour change                                            |                  | 3-4*      |        |
|   | Colour staining                                          |                  | 3-4*      |        |
| 8 | Colour Fastness To Rubbing, min.                         | ISO 105-X12:2001 |           |        |
|   | Dry                                                      |                  | 4*        |        |
|   | Wet                                                      |                  | 3-4*      |        |
| 9 | Colour Fastness To Light                                 | ISO 105-B02:2013 | N/A       |        |

\* Tested in a non-accredited laboratory.

\* N/A - not applicable.

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