

Name and address of the certificate holder:

Polska Grupa Tekstylna Sp. z o.o.
PL 01-497 Warszawa, ul. Zeusa 27, Poland

Product name and description:

Fabric ELECTRA, dyed, antistatic, flame retardant, raw material: 99 % cotton, 1 % carbon, surface mass: (350 ± 10) g/m²

Documents underlying the conformity assessment process:

PN-EN ISO 13688:2013-12 [EN ISO 13688:2013] Protective clothing. General requirements – in terms of:

- p. 4.2 Innocuousness
- p. 5.3 Dimensional change due to cleaning (5×6N/F)

PN-EN 1149-5:2018-10 [EN 1149-5:2018] Protective clothing – Electrostatic properties – Part 5: Material performance and design requirements – in terms of:

- p. 4.2.1 Material requirements: half decay time and shielding factor (50×/6N/F)

PN-EN ISO 11611:2015-11 [EN ISO 11611:2015] Protective clothing for use In welding and allied processes – in terms of:

- p. 6.2 Tensile strength
- p. 6.3 Tear strength – class 1 and 2
- p. 6.6 Dimensional change of textile materials
- p. 6.7 Limited flame spread – A1 and A2
- p. 6.8. Impact of spatter – class 2
- p. 6.9 Heat transfer (radiation) – class 1
- p. 6.10 Electrical resistance

PN-EN ISO 11612:2015-11 [EN ISO 11612:2015] Protective clothing – Clothing to protect against heat and flame. Minimum performance requirements – in terms of:

- p. 6.2.1 Heat resistance at a temperature (180 ± 5) °C
- p. 6.3 Limited flame spread – A1 and A2
- p. 6.4 Dimensional change of textile materials
- p. 6.5.1 Tensile strength
- p. 6.5.2 Tear strength
- p. 7.2 Convective heat – B1
- p. 7.3 Radiant heat – C1
- p. 7.5 Molten iron splash – E1
- p. 7.6 Contact heat – F1

Pre-treatment of material:

- tested „as received”: p. 6.7,
- 5 wash/dry cycles (5×6N/F): p. 6.6,
- 50 wash/dry cycles (50×6N/F): p. 6.2, 6.3, 6.7, 6.8, 6.9, 6.10.

Pre-treatment of material:

- tested „as received”: p. 6.3,
- 5 wash/dry cycles (5×6N/F): p. 6.4,
- 50 wash/dry cycles(50×6N/F): p. 6.2.1, 6.3, 6.5.1, 6.5.2, 7.2, 7.3, 7.5, 7.6

PN-EN 61482-2:2020-09 [EN 61482-2:2020] Live working – Protective clothing against the thermal hazards of an electric arc – Part 2: Requirements – in terms of:

- p. 4.3.1 Heat resistance (50×6N/F)
- p. 4.3.3.2 Limited flame spread (50×6N/F)
- p. 4.3.4.1 Tear resistance (50×6N/F)
- p. 4.3.4.2 Tensile strength (50×6N/F)
- p. 4.3.5 Dimensional change of material due to cleaning (5×6N/F)
- p. 4.4.3 Arc protection classes – APC 1 (5×6N/F)

Pre-treatment according to EN ISO 6330:2012 Textiles – Domestic washing and drying procedures for textile testing; washing procedure 6N – temp. 60 °C, drying procedure F – tumble drying

Conformity assessment program:

PRC-2-CERTEX OPJ – Type scheme 4 by PN-EN ISO/IEC 17067:2014-01

Report on the assessment of conformity of the product: R.ITT.29.2.11.2.693 of 02.02.2023

This certificate entitles to use only in relation to those products that meet the requirements of the documents, which were used to assess compliance and have the same characteristics as the models for testing. Rights and Responsibilities are set out in the Agreement No. U-01-2023 of 20.01.2023.

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