

Name and address of the certificate holder:

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

Product name and description:

Fabric THOR, dyed, antistatic, flame retardant, raw material: 60 % modacrylic, 38 % cotton, 2 % antistatic fiber, surface mass: (270 ± 10) g/m²

Documents underlying the conformity assessment process:

PN-EN ISO 13688:2013-12 [EN ISO 13688:2013] Protective clothing. General requirements – in scope 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
- p. 6.6 Dimensional change of textile materials
- p. 6.7 Limited flame spread – A1 and A2
- p. 6.8. Impact of spatter – class 1
- p. 6.9 Heat transfer (radiation) – class 1
- p. 6.10 Electrical resistance

Pre-treatment of material:

- tested „as received”: p. 6.7,
- 5 wash/dry cycles: p. 6.6,
- 50 wash/dry cycles: p. 6.2, 6.3, 6.7, 6.8, 6.9, 6.10.

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. 6.3,
- 5 wash/dry cycles: p. 6.4,
- 50 wash/dry cycles: p. 6.2.1, 6.3, 6.5.1, 6.5.2, 7.2, 7.3, 7.5, 7.6

Pre-treatment according to PN-EN ISO 6330:2012 [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.29.53.8.2.517 of 11.09.2020

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-9-2020 of 28.08.2020.

Edition 1 of: 11.09.2020
Expiry date: 10.09.2025

A. Jakiel
Anna Jakiel
CAB Manager

INSTITUTE OF TEXTILE TECHNOLOGIES

CERTEX Sp. z o.o.

CONFORMITY ASSESSMENT BODY

ul. GÓRNICZA 30/36
91-765 ŁÓDŹ
POLAND



AC 175

Name and address of the certificate holder:

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

Product name and description:

Fabric THOR, in fluorescent yellow colour, antistatic, flame retardant, raw material: 60 % modacrylic, 38 % cotton, 2 % antistatic fiber, surface mass: (270 ± 10) g/m²

Documents underlying the conformity assessment process:

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

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

Pre-treatment of material:

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

PN-EN ISO 11612:2015-11 [EN ISO 11612:2015] Protective clothing – Clothing to protect against heat and flame. Minimum performance requirements – in scope 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. 6.3,
- 5×/6N/F : p. 6.4,
- 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 ISO 20471:2013-07/A1:2017-02; PN-EN ISO 20471:2013-07/Ap1:2016-05 [EN ISO 20471:2013/A1:2016] High visibility clothing. Test methods and requirements – in scope of:

- p. 5.1.1 Background material [the chromaticity coordinates and the luminance factors];
- p. 5.2 Colour after Xenon test [the chromaticity coordinates and the luminance factors];
- p. 5.3.1 Colour fastness to rubbing;
- p. 5.3.2 Colour fastness to perspiration;
- p. 5.3.3 Colour fastness when laundered, dry cleaned and hot pressed;
- p. 5.4 Dimensional change of material (5×/6N/F);
- p. 5.5.1 Tensile strength of woven material;
- p. 5.6.3 Physiological performance [water vapour resistance];
- p. 7.5 Ageing [the chromaticity coordinates and the luminance factors after 25 and 50 washing and drying cycles - 25×/4N/F; 50×/4N/F].

Pre-treatment according to PN-EN ISO 6330:2012 [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.29.86.8.2.550 of 30.10.2020

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-13-2020 of 16.10.2020.

Edition I of: 30.10.2020
Expiry date: 29.10.2025

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