

**2024EP4150**

## TEST REPORT

### DATE OF RECEPTION

*Date Format: dd/MM/yyyy* 30/09/2024

### DATE OF TESTS

Starting : 07/10/2024

Ending: 07/10/2024

### APPLICANT

XM TEXTILES POLSKA SP. Z O. O.

16 WOLNOŚCIOWA

PL-95-200 Pabianice

Poland

Att Irina Danilova

### REFERENCE OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2024EP4150-S01	Poseidon-245	Fabric

### TESTS CARRIED OUT

- COLOUR FASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING

Tests marked with \* are not included within the scope of the accreditation.





## DESCRIPTION OF SAMPLES



**Reference by AITEX:** 2024EP4150-S01

**Reference by customer:**

Poseidon-245

**Information supplied by the customer**

Composition and percentage 80% Cotton, 19% Polyester, 1% Antistatic, FR-Twill 2/2

Weight 245 gsm

Color HV Yellow

Others (if any) 634

**Composition provided by the customer:**

80% Cotton, 19% Polyester, 1% Antistatic

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## EXECUTIVE SUMMARY

EN ISO 20471:2013+EN ISO 20471:2013+AMD1: 2016	Reference	Test/Standard	Result
	2024EP4150-S01	COLOUR FASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING EN ISO 105-C06:2010	PASS



## REQUIREMENT SUMMARY

### COLOUR FASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING REQUIREMENT ACCORDING EN ISO 20471:2013+EN ISO 20471:2013+AMD1:2016

The limit set to Standard for testing of colour fastness to washing is 4-5 for degradation and 4 for staining.

#### MEANING OF COLOUR FASTNESS APPRAISAL EVALUATED WITH GREY SCALE

VALUE	MEANING
5	VERY GOOD - EXCELLENT
4	GOOD
3	FAIR - MODERATE
2	POOR - BEHAVIOUR
1	VERY POOR

According to standards ISO 105-A02 e ISO 105-A03



# RESULTS

## COLOUR FASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING

**Standard**

EN ISO 105-C06:2010

**Test date**

**Start date**

07/10/2024

**End date**

07/10/2024

**Equipment**

Gyrowash

**Test number**

C1M

**Temperature**

(60 )°C

**Steel balls**

50

**Washing powder**

Standardized ECE soap reference without optical or chemical whitener

**Reference**

2024EP4150-S01

Change in colour	Staining	
5	Cotton 4	Polyester 4



**Lucia Martinez**  
Head of PPE and Ballistics department



Date: 07/10/2024 16:38:53

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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- 8-The uncertainties of the tests, which are made explicit in the Results Report, have been estimated for a  $k = 2$  (probability of coverage of 95%). If not informed, they are available to the client in AITEX.
- 9-The results of the tests and the statement of compliance with the specification in this report refer only to the test sample as it has been analyzed / tested and not the sample / item which has taken the test sample.
- 10-The original materials and rests of samples, not subject to test, will be retained in AITEX during the twelve months following the issuance of the report, so that any check or claim which, in his case, wanted to make the applicant, should be exercised within the period indicated.
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