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Camira Fabrics

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Our Ref: **TX-32123-S1**

Date: 03 May 2022

Delivery Date: 15 February 2022

Test Dates: 22 February - 25 April 2022

For the attention of Rebecca Grimes

SAMPLE(S) FOR TEST:

One, Fabric – Ref: Vita (C) Oatmeal Run 468061

Note: The above descriptions are as supplied by the client and have not been verified by FIRA International who can take no responsibility for the accuracy of the description.

TEST REQUIREMENTS:

Determination of abrasion – BS EN ISO 5470-2: 2003, Method 1

RESULT:

Performance Level A

Technical report references marked * indicate this report is supplementary to the previous report with the same reference.

This Report relates to the sample(s) submitted for test and no others. Additions, deletions or alterations are not permitted.

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When a statement of conformity to a test standard is reported the test result(s) are unlikely to be the "true" result(s) due to measurement uncertainty. When the sample is tested under the criteria and conditions as defined in the method and the measured result is outside of the upper/lower acceptance limit and corrected for uncertainty at 95% probability, the risk of a false accept/reject is $\leq 2.5\%$. These results will be reported as Pass/Fail. If the test result(s) obtained under the same conditions is close to the upper/lower acceptance limit and could be either side of the accept/reject threshold these results will be reported as Fail"

TECHNICAL REPORT

DESCRIPTION

Item: One, Coated fabric – Ref: Vita (C) Oatmeal Run 468061

Initial Inspection: Condition as new

Conditioning: In accordance with BS 3424: Part 2: 1992 ISO 2231: 1989; >16 hours at 20±2°C & 65±5% relative humidity.

Testing: In accordance with BS EN ISO 139: 2005+ A1:2011 20±2°C & 65±4% relative humidity.

TEST RESULTS

RUBBER- OR PLASTICS-COATED FABRICS – DETERMINATION OF ABRASION RESISTANCE – PART 2: MARTINDALE ABRADER BS EN ISO 5470-2: 2003, Method 1.

Specimen failure, defined in BS EN 15618: 2009 as a damage rating greater than 2 did not occur, therefore the test was stopped as the required number of cycles was completed:

Specimen A 102,400 cycles
Specimen B 102,400 cycles
Specimen C 102,400 cycles
Specimen D 102,400 cycles

Overall result 102,400 cycles

At 102,400 cycles the damage rating assessed as in BS EN ISO 5470-2: 2003 was grade 1.

The abrasion resistance is evaluated by the end point method without magnification. The specimens were mounted in specimen holders without foam backing and the specimen pressure used for upholstery use applications is 12kPa.

CONCLUSION

The material properties for BS EN 15618: 2009 indicates that this fabric reaches a performance level of:

Test performed	Performance level
BS EN ISO 5470-2: 2003	A

A Grading Assessment Tolerance of +/-0.5 of grade is applicable for all damage rating assessments due to their subjective nature. This uncertainty was not applied to the reported results and therefore it needs to be considered when determining compliance with a specification.

Approved by:

Stephen Cotton
Technical Specialist



***** End of Report *****