



# TEST REPORT

**Technical Report: (9325)154-1252-R1**

Aug 06, 2025

The report is amendment of and supersedes the previous report (9325)154-1252 dated Aug 05, 2025

Date Received: Jun 03, 2025

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LEO

MOSAROMA INTERNATIONAL CO., LTD.

7/F, BLISSFUL BUILDING, 243-247, DES VOEUX ROAD, CENTRAL, HONG KONG

**Sample Description:**

Sample(s) received is/are stated to be:

100% Polypropylene (Olefin) Monochrome

Quantity: 1PCS

Color: Marron

Order No.: /

Age Grade: /

Vendor: /

Manufacturer: /

Buyer: /

Test Period: Jun 03, 2025 to Aug 05, 2025

Fiber Content: 100%Olefin

Care Instruction: /

Style no. / Model no.: 603.102(15236603)

PO No.: /

Product End Use: Outdoor cushion/pillow/  
Sofa+chairerc

Retest No.: /

Supplier Reference: /

Country of Origin: /

Country of Destination: /

**SAMPLE DESCRIPTION ASSIGNED BY LABORATORY**

ITEM	ITEM DESCRIPTION
1	taupe/ white fabric

**SUMMARY OF TEST RESULTS**

TEST REQUESTED	CONCLUSION	REMARK
TOTAL FLUORINE(F) SCREENING FOR PERFLUOROALKYL AND PERFLUOROALKYL SUBSTANCES (PFAS) CONTENT	PASS	
RESISTANCE TO SURFACE WETTING: SPRAY TEST	PASS	
FABRIC PROPENSITY TO SURFACE FUZZING AND TO PILLING: MODIFIED MARTINDALE METHOD	DATA	
COLORFASTNESS TO LIGHT	PASS	

**REMARK**

If there are questions or concerns on this report, please contact:

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**Photo of the Submitted Sample**



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## **TEST RESULT**

### **Total Fluorine(F) Screening for Perfluoroalkyl and Perfluoroalkyl Substances (PFAS)**

#### **Content**

**Test Method** : Test method according to the official test procedures BS EN 14582:2016, oxygen combustion in closed systems and detection by IC.

<b>Client's Limit:</b>	<b>100 mg/kg</b>	
<b>Parameter</b>	<b>Unit</b>	<b>Result</b>
-	-	1
PFAS (expressed as Fluorine(F))	mg/kg	ND
<b>Conclusion</b>	-	PASS

Note:

ND = Not detected  
mg/kg = milligram per kilogram  
Detection Limit (mg/kg): 20

">" = More than



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## **TEST RESULT**

### **RESISTANCE TO SURFACE WETTING: SPRAY TEST**

(AATCC 22-2005; Spray Test – Test under controlled condition, water temperature: 27±1°C)

1	(1)	(2)	(3)	AVERAGE
<b><u>AS RECEIVED</u></b>				
RATING	100	100	100	90

### **NOMENCLATURE FOR RATING**

ISO 5 = AATCC 100	- No sticking or wetting of upper surface.
ISO 4 = AATCC 90	- Slight random sticking or wetting of upper surface.
ISO 3 = AATCC 80	- Wetting of upper surface at spray points.
ISO 2 = AATCC 70	- Partial wetting of whole of upper surface.
ISO 1 = AATCC 50	- Complete wetting of whole of upper surface.
*Washing procedure:	Ref. AATCC 135-2004, Test No.1V, Machine Wash At 140 Degree F With 4 lbs Total Loading(Type 3 Dummy + Specimen), Normal Cycle, Flat Press(Hand Iron 135-150 Degree C)

\*\*Dryclean Procedure: Drycleaning Solvent: Perchloroethylene

### **ABRASION RESISTANCE OF FABRICS BY MARTINDALE METHOD: SPECIMEN BREAKDOWN** (BS EN ISO 12947-2, 15000 CYCLES, FORCE APPLIED 12 kPa)

1	
END POINT (RUBS)	No Rupture @ 15000 CYCLES
	MIN 15000 RUBS

### **FABRIC PROPENSITY TO SURFACE FUZZING AND TO PILLING: MODIFIED MARTINDALE METHOD** (BS EN ISO 12945-2)

1	
AFTER 5000 REVOLUTIONS	4
	MIN GRADE /

### **PILLING RATING**

GRADE 5	NO CHANGE
GRADE 4	SLIGHT SURFACE FUZZING AND / OR PARTIALLY FORMED PILLS
GRADE 3	MODERATE SURFACE FUZZING AND / OR MODERATE PILLING. PILLS OF VARYING SIZE AND DENSITY PARTIALLY COVERING THE SPECIMEN SURFACE.
GRADE 2	DISTINCT SURFACE FUZZING AND / OR DISTINCT PILLING. PILLS OF VARYING SIZE AND DENSITY COVERING A LARGE PROPORTION OF THE SPECIMEN SURFACE.
GRADE 1	DENSE SURFACE FUZZING AND / OR SEVERE PILLING. PILLS OF VARYING SIZE AND DENSITY COVERING THE WHOLE OF THE SPECIMEN SURFACE.

### **COLORFASTNESS TO LIGHT** (AATCC 16.3, OPTION 3, WATER COOLED XENON-ARC LAMP, 1000 AFU)

1	
COLOR CHANGE (1000 AFU)	3.5
	MIN. CLASS 3.5



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**AMENDMENT DETAILS**

No.	Changes
1	Update Colorfastness To Light test method

END