

**EKOTEKS LABORATUVAR ve GÖZETİM  
HİZMETLERİ A. Ş.**  
Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar  
İstanbul/ TÜRKİYE








**EKOTEKS**

**TEST REPORT**  
*DENEY RAPORU*

17045360-  
Add

11-17

**Customer name:** MOGUL TEKSTİL SAN. TİC. A.Ş.  
**Address:** BÜYÜKKARİŞTIRAN OSB MURATLI YOLU NO:13/1 39780  
LÜLEBURGAZ/KIRKLARELİ  
**Buyer name:** -  
**Contact Person:** EMEL ÖZGÜR  
**Order No:** -  
**Article No:** -  
**Name and identity of test item:** One sample of (claimed to be; 70% PET,30%PA6 145GSM GRI) grey non-woven fabric.  
**The date of receipt of test item:** 06.11.2017  
**Re-submitted/re-confirmation date:** 23.11.2017  
**Date of test:** 23.11.2017 -24.11.2017  
**Remarks:** -  
**Sampling:** The results given in this report belong to the received sample by vendor.  
**End-Use:** Home Textile  
**Submitted Care Label:** -  
**Recommended care label:**      wash with similar colours  
**Number of pages of the report:** 6

**Seal**

**Date**  
24.11.2017

**Customer Representative**  
Şafak AKDENİZ

**Head of Testing Laboratory**  
Sevim A. RAZAK

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REQUIRED TESTS	RESULT	COMMENTS
<b>PHYSICAL PROPERTIES TESTS</b>		
Dimensional Stability to Washing/6A@ 40°C, flat dry	P	
Spirality After Washing/6A@ 40°C, flat dry	P	
Appearance After Washing/6A@ 40°C, flat dry	P	
Dimensional Stability to Washing/6A@ 40°C, tumble dry <sup>(1)</sup>	P	
Spirality After Washing/6A@ 40°C, tumble dry <sup>(1)</sup>	P	
Appearance After Washing/6A@ 40°C, tumble dry <sup>(1)</sup>	P	
Dimensional Stability to Dry Cleaning	P	
Spirality After Dry Cleaning	P	
Appearance After Dry Cleaning	P	
<b>COLOUR FASTNESS TESTS</b>		
Colour Fastness to Washing	F	
Colour Fastness to Chlorine Bleach	P	
Colour Fastness to Non-Chlorine Bleach	P	
P: Pass F: Fail R: Refer to retailer technologist. Requirements were given by vendor <sup>(1)</sup> This report was reissued to add this test result		

REMARK: Original samples are kept for 3 months and all technical records are kept for 5 years unless otherwise specified. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95 %. Tests marked (\*) in this report are not included in the accreditation schedule.



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## TEST RESULTS

### **DIMENSIONAL STABILITY TO WASHING; ISO 6330:2000**

After 1 wash. 6A@ 40°C, flat dry.

Wascator washing machine, Type A , front-loading, horizontal rotating drum type.

ECE-A (% 77) + Sodium perborate (%20) + TAED (%3) .

2 kg load. 100% polyester loading fabric.

Performed in the conditioned room (% 65±4 RH ,20±2°C)

	<b><u>RESULT</u></b>	<b><u>REQUIREMENT</u></b>
<b>Weft</b>	-1.6%	±3%
<b>Warp</b>	-0.9%	±3%

### **SPIRALITY; EKOTEKS 3**

After 1 wash. 6A@ 40°C, flat dry

Wascator washing machine, Type A , front-loading, horizontal rotating drum type.

ECE-A (% 77) + Sodium perborate (%20) + TAED (%3) .

2 kg load. 100% polyester loading fabric.

Performed in the conditioned room (% 65±4 RH ,20±2°C)

<b><u>RESULT</u></b>	<b><u>REQUIREMENT</u></b>
0.0%	Max 3%

### **APPEARANCE AFTER WASHING; EKOTEKS 4**

After 1 wash. 6A@ 40°C, flat dry .

Wascator washing machine, Type A , front-loading, horizontal rotating drum type.

ECE-B (4 parts) + Sodium perborate (1 part) .

2 kg load. 100% polyester loading fabric.

Performed in the conditioned room (% 65±4 RH ,20±2°C)

Colour Change is evaluated with ISO 105 A02 standard grey scale

Pilling is evaluated with ISO 12945-1 scale

	<b><u>RESULT</u></b>	<b><u>REQUIREMENT</u></b>
<b>Colour Change</b>	4-5	Min 4
<b>Pilling</b>	4-5	Min 4

**SATISFACTORY**

No visible deterioration was observed. General appearance of the washed sample was found satisfactory

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## TEST RESULTS

### **DIMENSIONAL STABILITY TO WASHING; ISO 6330:2000**

After 1 wash. 6A@ 40°C, tumble dry

Wascator washing machine, Type A , front-loading, horizontal rotating drum type.

ECE-A (% 77) + Sodium perborate (%20) + TAED (%3) .

2 kg load. 100% polyester loading fabric.

Performed in the conditioned room (% 65±4 RH ,20±2°C)

	<u>RESULT</u>	<u>REQUIREMENT</u>
<b>Weft</b>	-1.5%	±3%
<b>Warp</b>	-0.9%	±3%

### **SPIRALITY; EKOTEKS 3**

After 1 wash. 6A@ 40°C, tumble dry

Wascator washing machine, Type A , front-loading, horizontal rotating drum type.

ECE-A (% 77) + Sodium perborate (%20) + TAED (%3) .

2 kg load. 100% polyester loading fabric.

Performed in the conditioned room (% 65±4 RH ,20±2°C)

<u>RESULT</u>	<u>REQUIREMENT</u>
0.0%	Max 3%

### **APPEARANCE AFTER WASHING; EKOTEKS 4**

After 1 wash. 6A@ 40°C, tumble dry

Wascator washing machine, Type A , front-loading, horizontal rotating drum type.

ECE-B (4 parts) + Sodium perborate (1 part) .

2 kg load. 100% polyester loading fabric.

Performed in the conditioned room (% 65±4 RH ,20±2°C)

Colour Change is evaluated with ISO 105 A02 standard grey scale

Pilling is evaluated with ISO 12945-1 scale

	<u>RESULT</u>	<u>REQUIREMENT</u>
<b>Colour Change</b>	4	Min 4
<b>Pilling</b>	4-5	Min 4

SATISFACTORY

Slight colour change on main was observed. General appearance of the washed sample was found still satisfactory

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## TEST RESULTS

### **DIMENSIONAL STABILITY TO DRY CLEANING; EKOTEKS 27(\*)**

After 1 commercial dry cleaning

	<b><u>RESULT</u></b>	<b><u>REQUIREMENT</u></b>
<b>Weft</b>	-0.7%	±2%
<b>Warp</b>	-0.3 %	±2%

### **SPIRALITY TO DRY CLEANING; EKOTEKS 51 (\*)**

After 1 commercial dry cleaning

<b><u>RESULT</u></b>	<b><u>REQUIREMENT</u></b>
0.0 %	Max 3%

### **APPEARANCE AFTER DRY CLEANING ; EKOTEKS 52(\*)**

After 1 commercial dry cleaning

	<b><u>RESULT</u></b>	<b><u>REQUIREMENT</u></b>
<b>Colour Change</b>	4-5	Min 4

No visible deterioration was observed. General appearance of the washed sample was found satisfactory

Satisfactory

### **COLOUR FASTNESS TO:**

#### **WASHING; ISO 105 C06:2010**

A2S 40°C Gyrowash.ECE(B)+Sodium Perborate.DW multifiber. 10 steel balls.  
Evaluated with ISO 105 A02 and ISO 105 A03 standart grey scale.

	<b><u>RESULT</u></b>	<b><u>REQUIREMENT</u></b>
<b>Colour Change</b>	4	Min 4

Acetate	Cotton	Nylon 6.6	Polyester	Acrylic	Wool
3	4-5	3	3-4	4-5	4

Min 4

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## **TEST RESULTS**

### **CHLORINE BLEACH; EKOTEKS 6(\*)**

Evaluated with AATCC grey scale for colour change assesment.

**Colour Change**

**RESULT**  
4.5

**REQUIREMENT**  
Min 4.0

### **NON-CHLORINE BLEACH; EKOTEKS 7(\*)**

Evaluated with AATCC grey scale for colour change assesment

**Colour Change**

**RESULT**  
4.5

**REQUIREMENT**  
Min 4.0