

Hohenstein Textile Testing Institute • Schlossteige 1 • 74357 Bönnigheim
Dkc Teknik Kaplama Apre Tekstil Ve Deri San.
Ve Tic. Ltd. Sti.
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Business process	Contact person	Our ref.	Date
	Albayrak-Hindel, Lale	DP/Alb/ MWE	19. December 2019

Report no. 19.0.98403/Rev1

This report replaces the original report no. 19.0.98403 dated 12/18/2019

Client:	Dkc Teknik Kaplama Apre Tekstil Ve Deri San. Ve Tic. Ltd. Sti.
Contact person:	Atike Köken
Date of order:	12/4/2019
Receipt of order:	12/6/2019
Receipt of material:	12/6/2019
Test sample:	24 samples
Period of testing:	12/9/2019to 12/19/2019
Aim of test(s):	Determination of colour fastness to artificial light.
Sampling:	The test sample has been delivered to us by the client.

The report comprises 6 pages.

Our terms of business shall apply: www.hohenstein.de/pdf/agb_e.pdf	Phone +49 7143 271 0 Fax +49 7143 271 51 info@hohenstein.de www.hohenstein.de	VAT REG No. DE262079343	Hohenstein Textile Testing Institute GmbH & Co. KG · County Court Stuttgart HRA 723464 Personally liable associate: Hohenstein Verwaltungs GmbH · County Court Stuttgart HRB 752904 CEO: Dr. Stefan Droste · Company Headquarter is Boennigheim
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Materials which have to be tested:

Sample	
1	Dm 2010, colour cream
2	Dm 2020, colour oyster
3	Dm 2040, colour stone
4	Dm 2050, colour orchid
5	Dm 2070, colour light grey
6	Dm 2090, colour volcanic glass
7	Dm 2100, colour black
8	Dm 2110, colour red
9	Dm 2120, colour maroon
10	Dm 2130, colour brown
11	Dm 2140, colour terracotta
12	Dm 2150, colour orange
13	Dm 2160, colour coral rose
14	Dm 2190, colour mint
15	Dm 2200, colour lime
16	Dm 2210, colour primrose pink
17	Dm 2220, colour aqua
18	Dm 2230, colour blue
19	Dm 2240, colour navy blue
20	Dm 2250, colour fuchsia
21	DB 3020, DKC Teknik, colour oyster
22	DB 3040, DKC Teknik, colour stone
23	DB 3070, DKC Teknik, colour light grey
24	DB 3100, DKC Teknik, colour black

RESULT**Colour fastness to artificial light^A****Test result:**

Sample	Colour fastness to artificial light DIN EN ISO 105-B02:2014-11 ^A Testing apparatus: Xenotest 440, synchronism modus Exposure conditions: A1 (normal) Exposure method: 2 Irradiance: 42 W/m ²
Change of shade	
1 Dm 2010, colour cream	>6
2 Dm 2020, colour oyster	>6
3 Dm 2040, colour stone	>6
4 Dm 2050, colour orchid	>6
5 Dm 2070, colour light grey	>6
6 Dm 2090, colour volcanic glass	>6
7 Dm 2100, colour black	>6
8 Dm 2110, colour red	>6
9 Dm 2120, colour maroon	>6

Colour fastness to artificial light DIN EN ISO 105-B02:2014-11^A	
Testing apparatus: Xenotest 440, synchronism modus	
Exposure conditions: A1 (normal) Exposure method: 2 Irradiance: 42 W/m²	
Change of shade	
10	Dm 2130, colour brown
11	Dm 2140, colour terracotta
12	Dm 2150, colour orange
13	Dm 2160, colour coral rose
14	Dm 2190, colour mint
15	Dm 2200, colour lime
16	Dm 2210, colour primrose pink
17	Dm 2220, colour aqua
18	Dm 2230, colour blue
19	Dm 2240, colour navy blue
20	Dm 2250, colour fuchsia
21	DB 3020, DKC Teknik, colour oyster
22	DB 3040, DKC Teknik, colour stone

Sample	<p style="text-align: center;">Colour fastness to artificial light DIN EN ISO 105-B02:2014-11^A</p> <p style="text-align: center;">Testing apparatus: Xenotest 440, synchronism modus</p> <p style="text-align: center;">Exposure conditions: A1 (normal) Exposure method: 2 Irradiance: 42 W/m²</p>
Change of shade	
<p>23 DB 3070, DKC Teknik, colour light grey</p>	>6
<p>24 DB 3100, DKC Teknik, colour black</p>	>6

Rating 8 means best and rating 1 means the worst fastness grade.

Requirements according to client: grade 6

CONCLUSION

The material passes all tested requirements.

Schloss Hohenstein, 19. December 2019

Division Manager Textile Testing



Dipl.-Ing. (FH) Elisabeth Panian



Team Leader of Textile Testing



B.Eng. Lale Albayrak-Hindel

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The accreditation applies for the methods listed in the annex to the certificate (accreditations http://www.hohenstein.de/de/about_hohenstein/accreditation/accreditation.html) - marked ^A in the report.