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

Test
TS EN ISO/IEC 17025
AB-0583-T

EKOTEKS

TEST REPORT
DENEY RAPORU

AB-0583-T
20039087-ing
10-20

Customer name:	DISTRIBUZIONE JUNIOR SRL
Address:	25/6-80047 SAN GIUSEPPE VESUVIAO (NA)/ITALY
Buyer name:	MEGACERT ULUSLARARASI BELGELENDİRME VE EĞİTİM HİZ. LTD. ŞTİ.
Contact Person:	-
Order No:	18
Article No:	FFP2 MASK ENKN95-001
Name and identity of test item:	Black non-woven mask .(Claimed to be Colour code: Black Mask with FFP2)
The date of receipt of test item:	19.10.2020
Re-submitted/re-confirmation date:	-
Date of test:	19.10.2020-26.10.2020
Remarks:	-
Sampling:	The results given in this report belong to the received sample by vendor.
End-Use:	-
Care Label:	Not Specified
Number of pages of the report:	5

The Turkish Accreditation Agency (TURKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of test reports.
EKOTEKS LABORATUVAR ve GÖZETİM HİZMETLERİ A.Ş. accredited by TÜRKAK under registration ***number [AB-0583-T] for ISO 17025:2017 as test laboratory.***
The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Seal	Date	Customer Representative	Head of Testing Laboratory
	26.10.2020	Ahmet ÇİRKİN	Sevim A. RAZAK 26.10.2020

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REQUIRED TESTS	RESULT	COMMENTS
ECOLOGICAL TESTS		
Forbidden Arylamines In Dyestuff	P	
Chromium VI	P	

P: Pass
F: Fail
R: Refer to retailer technologist.
Test results were evaluated according to "Registration, Evaluation, Authorisation and Restriction of Chemicals" Legislation limit values dated on 23.06.2017 and No: 30105.

REMARK: Original samples are kept for 3 months and all technical records are kept for 5 years unless otherwise specified. If requested, measurement uncertainty will be reported. But unless otherwise specified, measurement uncertainty is not considered while stating compliance with specification or limit values The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95 %. The declaration of conformity was given in accordance with the Simple Acceptance Decision RuleTests marked (*) in this report are not included in the accreditation schedule.

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TEST RESULTS

FORBIDDEN AROMATIC ARYLAMINES-MAK III GROUP A1&A2 CATEGORY

Corresponding to the Ordinance on Commodities (Bedarfsgegenständeverordnung) be in force respectively the directi 2002/61/EEC the use of certain azo colorants is banned, which can release by reductive cleavage of their azo group(s) one or more of certain listed aromatic and cancerogenic amines.

Arylamines of class MAK III A1/ A2 are determined and quantified using a Gas Chromatography / Mass Selective Detector (GC/MSD)

List of arylamines,that are not allowed to be split off from dyes under reductive conditions ;

Nr	Substances	CAS No	Index No	EC number
	MAK III A1			
01	4-Aminobiphenyl	92-67-1	612-072-00-6	202-177-1
02	Benzidine	92-87-5	612-042-00-2	202-199-1
03	4-Chloro-o-toluidine	95-69-2		202-441-6
04	2-Naphthylamine (-Naphthylamine)	91-59-8	612-022-00-3	202-080-4
	MAK III A2			
05*	o-Aminoazotoluol (4-amino-2,3-dimethylazobenzene)	97-56-3	611-006-00-3	202-591-2
06	p-Chloroaniline (4-chloroaniline)	106-47-8	612-137-00-9	203-401-0
07	2,4-Diaminoanisole (4-Methoxy-m-phenylenediamine)	615-05-4		210-406-1
08	4,4′-Diaminodiphenylmethane (4,4′methylendianiline)	101-77-9	612-051-00-1	202-974-4
09	3,3′-Dichlorbenzidine (3,3′-dichlorobiphenyl-4,4′-xylendiamine)	91-94-1	612-068-00-4	202-109-0
10	3,3′-Dimethoxybenzidine (o-Dianisidine)	119-90-4	612-036-00-X	204-355-4
11	3,3′-Dimethylbenzidine (o-Tolidine) (4,4′ -bi-o-toluidine)	119-93-7	612-041-00-7	204-358-0
12	3,3′-Dimethyl-4,4′-diaminodiphenylmethane (4,4′methylene di-o-toluidine)	838-88-0	612-085-00-7	212-658-8
13	4,4′-Methylene-bis-(2-chloro-aniline) (2,2′-dichloro-4,4′-methylenedianiline)	101-14-4	612-078-00-9	202-918-9
14*	2-Amino-4-nitrotoluene (5-nitro-o-toluidine)	99-55-8		202-765-8
15	4,4′-Oxydianiline (4,4′-Diaminodiphenylether)	101-80-4		202-977-0
16	4,4′-Thiodianiline (4,4′-Diaminodiphenylsulfide)	139-65-1		205-370-9
17	o-Toluidine (2-aminotoluene)	95-53-4	612-091-00-X	202-429-0
18	4-Methyl-1,3-phenylendiamin (4-methyl-m-phenylendiamin) (2,4-Toluenediamine)	95-80-7	612-099-00-3	202-453-1
19	2,4,5-Trimethylaniline	137-17-7		205-282-0
20	o-Anisidine (2-Methoxyaniline)	90-04-0	612-035-00-4	201-963-1
21	2-Methoxy-5-methylaniline (p-Cresidine) (6-methoxy-m-toluidine)	120-71-8		204-419-1
22**	4-Amino Azobenzene	60-09-3	611-008-00-4	200-453-6
23***	2,4-Xylidine	95-68-1		
24***	2,6-Xylidine	87-62-7		

* The CAS-numbers 97-56-3 (No. 5) and 99-55-8 (No. 14) are detected further reduced to CAS-numbers 95-53-4 (No. 17) and 95-80-7 (No. 18).

** Azo colorants that are able to form 4-aminoazobenzene generate, under the condition of this method, aniline (CAS-number 62-53-3) and 1,4-phenylenediamine (CAS – number 106-50-3). Due to detection limits, only aniline may be detected. If aniline is detected above 5 mg/kg, then the presence of these colorants should be tested by ISO 14362-3 (for leathers ISO 17234-2).

*** Not regulated by law

Note: In case the sample was a blend of coloured synthetic material with further coloured fibers several test methods were carried out if necessary.

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TEST RESULTS

Component Name	Test Method	Forbidden Arylamines in Dyestuff Results	Conclusion
Black main	**DIN EN ISO 14362-1:2017** (with extraction)	**ND(1)**	**Pass**
Black main	**DIN EN ISO 14362-1:2017** (without extraction)	**ND(1)**	**Pass**

Max. limit specified by =30 ppm (individual).
Interpretation:
N.D(1) : Not detected according to the analysis as carried out, azo colourants banned under the Ordinance on Commidities were not detected in the article submitted.
LS. : Lack of sample.
NA : Not applicable.
"<" = less than
mg/kg= milligram per kilogram
ppm = part per million (mg/kg
with extraction : Extraction method was applied.
without extraction : Extraction method was not applied.

Note : If an arylamine is listed in the test table, this means; The analytical result suggest that the commodity submitted has been manufactured or treated using azo colourant(s) which can release one or more of certain listed amines by cleavage of their azo group(s).

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TEST RESULTS

CHROMIUM VI : ISO 17075-2:2017
Leather sample is extracted with phosphate buffer solution (pH 7-8) . The amount of Chromium (VI) in the filtrated extract is determined by High Performance Liquid Chromatography.

RESULTS		
COMPONENT	**CHROMIUM VI RESULTS(mg/kg)**	**EVALUATION**
Black main	**N.D.**	**Pass**

(1) N.D: Not detected

Leather articles cannot be marketed if they contain 3 mg / kg (0.0003% by weight) of chromium VI in excess weights.

ppm = part per million (mg/kg)
LS. : Lack of sample.

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