

UNIVERSAL SERTİFİKASYON UYGUNLUK DEĞERLENDİRME A.Ş.
Tatlısu Mah. Arif Ay Sk. No:16/3 Umraniye, İstanbul / TURKEY

TEST REPORT

CLIENT and SAMPLE INFORMATION

TEST OWNER	SZUTEST UYGUNLUK DEĞERLENDİRME A.Ş.		
ADDRESS	Tatlısu Mah. Akif İnan Sok. No:1, 34774 Ümraniye İSTANBUL TÜRKİYE		
MANUFACTURER	DEXXON ENERJİ SAN.VE.TİC.A.Ş		
SAMPLE DESCRIPTION	Folding type protective mask		
BRAND NAME / MODEL	DEXXON DXNMD- NRPM04 FFP2		
SAMPLE RECEIVE DATE	20.01.2022		
STARTING DATE	20.01.2022	FINISH DATE	27.01.2022
REMARKS	-		
NUMBER OF PAGES OF THE REPORT	5		
NUMBER OF SAMPLES	27	SAMPLE IDs	1 – 27
AS RECEIVED SAMPLE NO	1-9		
CONDITIONING SAMPLE NO	Simulated Wearing Treatment	10-11-12-13-14-15-16-17-18 (As Received)	
	Temperature Conditioning (T.C.)	19-20-21-22-23-24 (Sample after test of Mechanical Strength) 25.26.27 (As Received)	
	Mechanical Strength	19-20-21-22-23-24 (As Received)	

Universal Certification accredited by TÜRKAK under registration number AB-1693-T for TS EN ISO / IEC 17025:2017 as test laboratory.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

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.

Issue Date
27.01.2021

Murat Aydemir
Responsible of Laboratory

Approval
Osman Camcı






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Testing reports without signature are not valid.

NOTE 5

*In case of conformity assessment, in tests within the scope of TS EN ISO/IEC 17025:2017 accreditation upon customer request; The Simple Acceptance Decision Rule is used. If requested by the customer, the $k=2$ coverage factor and the measurement uncertainty value at 95% confidence level are specified in the report for the requested tests. Tests marked with * in this report are not included in the scope of accreditation.*

NOTE 6

The experiments were carried out at an ambient temperature of 16-32 degrees.

SAMPLE PHOTOS



Handwritten signature

7.9.2 PENETRATION OF FILTER MATERIAL

Test Method: EN 149:2001 + A1:2009

The test results obtained are given in the tables as follows,

NO. OF SAMPLE	CONDITION	RESULTS	REQUIREMENTS	EVALUATION
		Penetration of Sodium Chloride in accordance with EN 13274-7:2019 [%] Flow rate 95 l/min		
1	As received	1,19	FFP1 ≤ 20 % FFP2 ≤ 6 % FFP3 ≤ 1 %	No evaluation requested.
2		1,07		
3		1,27		
10	Simulated wearing treatment	2,08		
11		1,65		
12		1,28		
19	Mechanical strength + Temperature conditioned	1,69		
20		1,63		
21		2,74		

Results for samples 19, 20 and 21 is taken by exposure test. (the mask is loaded 120mg of NaCl)

NO. OF SAMPLE	CONDITION	RESULTS	REQUIREMENTS	EVALUATION
		Penetration of Paraffin Oil Mist in accordance with EN 13274-7:2019 [%] Flow rate 95 l/min		
4	As received	1,25	FFP1 ≤ 20 % FFP2 ≤ 6 % FFP3 ≤ 1 %	No evaluation requested.
5		1,46		
6		2,99		
13	Simulated wearing treatment	1,87		
14		1,66		
15		1,70		
22	Mechanical strength + Temperature conditioned	3,04		
23		4,07		
24		3,87		

Results for samples 22,23 and 24 is taken by exposure test. (the mask is loaded 120mg of Paraffin Oil)



7.16 BREATHING RESISTANCE

Test Method: EN 149:2001 + A1:2009

The test results obtained are given in the tables as follows.

Inhalation Resistance

NO. OF SAMPLE	CONDITION	FLOW RATE 30 l/min [mbar]	REQUIREMENTS	FLOW RATE 95 l/min [mbar]	REQUIREMENTS	EVALUATION
7	As received	0,52	FFP1 ≤ 0,60	1,63	FFP1 ≤ 2,10	No evaluation requested.
8		0,51		1,64		
9		0,52		1,65		
16	Simulated wearing treatment	0,48	FFP2 ≤ 0,70	1,55	FFP2 ≤ 2,40	
17		0,50		1,62		
18		0,51		1,64		
25	Temperature conditioned	0,55	FFP3 ≤ 1,0	1,69	FFP3 ≤ 3,00	
26		0,53		1,65		
27		0,54		1,68		

Exhalation Resistance

NO. OF SAMPLE	CONDITION	FLOW RATE	Facing directly [mbar]	Facing vertically upwards [mbar]	Facing vertically downwards [mbar]	Lying on the left side [mbar]	Lying on the right side [mbar]	REQUIREMENTS	EVALUATION
7	As received	160 l/min	2,90	2,91	2,89	2,90	2,89	FFP1 ≤ 3,0	No evaluation requested.
8			2,87	2,86	2,87	2,85	2,86		
9			2,92	2,90	2,92	2,91	2,92		
16	Simulated wearing treatment		2,79	2,78	2,80	2,81	2,80	FFP2 ≤ 3,0	
17			2,91	2,85	2,90	2,91	2,90		
18			2,90	2,91	2,91	2,88	2,90		
25	Temperature conditioned		2,94	2,91	2,90	2,90	2,93	FFP3 ≤ 3,0	
26			2,88	2,85	2,88	2,86	2,86		
27			2,89	2,89	2,91	2,90	2,88		

-End of Report-

