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DEXXON ENERJI SAN VE TIC A S

YENIBOSNA MERKEZ MAH 29 EKIM CAD NO 3 IC KAPI NO 84 BAHCELIEVLER

TEL: 05332820406

To the attention of Hulusi Güven

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

<u> </u>		
Sample No.	Sample Description	
A	DISPOSABLE COVERALL	

Client's reference No. TR 1974250-RV1

Colour White

Model/Style No. DXNMD-DCVR56

Type 5-B/6-B

Manufacturer Dexxon Enerji

Dexxon Medical Brand -US, UK, EU Country of Destination

06 August 2021 Sample Receiving Date Resubmit Date 23 August 2021

Test Performing Period 06 August 2021~19 August 2021

Overall Conclusion SEE RESULTS

Test Results

Performed Test Summary:

Please refer to the next page(s).

Selected test(s) as requested by client against Client's performance

standard.









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SGS applied shared risk decision rule.

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Test Parameters	Result
Physical tests	Ā
Protective Clothing Against Radioactive	140/7
Contamination-Part2: Requirements and Test	OEX CAL
Methods for Non-Ventilated Protective Clothing	MED
against Particulate Radioactive Contamination	

Remarks	M = Meets client's requirement	
	F = Does not meet client's requirement	
	I = Inconclusive	
	* = No specified requirement	
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).	
	Residual sample can be returned to client if requested.	- N°

The test results relate to the tested items only.

Test reports without SGS seal and authorised signatures are invalid.

Issued in Istanbul

Signed for and on behalf of

SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

IN THIS REVISED-1 REPORT, SAMPLE DESCRIPTION WAS CHANGED AND MODEL/STYLE NO, TYPE WERE ADDED BY THE REQUEST OF THE APPLICANT,

THIS REPORT SUPERSEDES OUR REPORT NO: 1974250 DATED 19.08.2021



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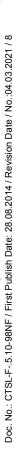
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Test Results

EN 1073-2: 2002 Protective clothing against radioactive contamination Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination

EN 1073-2: 2002	Inward leakage test non-ventilated protective clothing against particulate radioactive contamination*	Class 1 of 3, NPF = 30 TILA = 2.5 % TIL E = 3.6 %
Recommended class	Class 1	
D 1		

Remark:

Classification of nominal protection factor for the materals: Class 1 NPF> 5; Class 2 NPF> 50; Class 3 NPF >500

* Test performed with wrist cuffs, ankles and hood taped to ancilary PPE with the storm flap closed and sealed. TILE highest reading (inward leakage) from the 3 exercices.

EN 1073-2:2002 Class 1





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Protective Clothing Against Radioactive Contamination-Part 2: Requirements and Test Methods for Non-Ventilated Protective Clothing against Particulate Radioactive Contamination

EN 1073-2:2002

Section-1-Clause 4.2 Materials

Clause 4.2 Abrasion Resistance

(EN 530:2010 Method 2; Martindale Wear & Abrasion Tester: 9kPa Pressure, Grade No. 00 abrasion paper)

1019	# 1	# 2	#3	# 4	Min.
Endpoints (cycles)	52	38	40	49	38
Recommended class	Class 1		EDIC		DIET

Classification of abrasion resistance for the materials: Class 1 >10cycles; Class 2 >100cycles; Class 3 >500cycles; Class 4 >1000cycles; Class 5 >1500cycles; Class 6 >2000cycles.

Clause 4.2 Puncture Resistance

(EN 863:1995)

1 O 1#	2#	3#	4#	Min. O			
Puncture Resistance (N)	9	8	9	DESTIGNE			
Recommended class No classif	commended class No classification						
Remark:							
Classification of puncture resistance for the materials: Class 2 >10N; Class 3 >50N; Class 4 >100N.							

Clause 4.2 Resistance to Blocking

(EN 25978:1993)

Test Condition: Test specimen was under 5.0 kg load and expose to the temperature of 70±2 ℃ for 3 hours.

Sample :A

MED	Back to back	Face to face	Back to face	ME ME			
Rate of the blocking	No blocking	No blocking	No blocking	15			
resistance	140 blocking	No blocking	No blocking				
Recommended class	Class 2	Class 2					
Remark:							
Classification of resistance to blocking for the materials: Class 1 -Blocking, Class 2 -No blocking.							

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Clause 4.2 Tear Resistance

(EN ISO 9073-4:1997)

) ` .
-EY	1#\	2#	3#	4#	5#	Min.
Warp yarns torn (N)	45	42	42	45	V 42.0\\	42
Weft yarns torn (N)	27	27	25	26	7 26	25
Recommended class	Class 3				/	

Remark:

Classification of tear resistance for materials: Class 1 >2N; Class 2 >10N; Class 3 >20N; Class 4 >40N; Class 5 >80N; Class 6 >150N.

Clause 4.2 Resistance to Ignition

(EN 13274-4: 2001 Method 3, Flame temperature 800±50 °C with a speed of (60±5) mm/s, gas used: Propane)

Conclusion

Cross direction

#2

Continue to burn

Fail

Remark: Y: yes; N: no

Requirement: Not continue to burn

Clause 4.4.1 Seam Strength

(EN ISO 13934-2:2014 Modified)

	# 1	# 2	# 3	Average
Side Seam (N)	78(F.R)	81(F.R)	83(F.R)	81(F.R)
Sleeve Seam (N)	141(F.R)	145(F.R)	136(F.R)	141(F.R)
Inside Seam (N)	83(F.R)	86(F.R)	76(F.R)	82(F.R)
Backrise Seam (N)	76(F.R)	78(F.R)	77(F.R)	77(F.R)
Crotch Seam (N)	106(F.T.S)	129(F.T.S)	66(F.T.S)	101(F.T.S)
Recommended class	Class 3		· · ·	

Notes Remark

Classification of seam strength: Class 1 >30N; Class 2 >50N; Class 3 >75N; Class 4 >125N; Class 5 >300N.

F.R. = Fabric Rupture;



F.T.S. = Fabric Tear at Seam

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^{**}This test has been performed as subcontracted at SGS SHANGHAI.







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