

Analytical Report Nr.

AR-20-YL-006025-01

Sample code Nr.

560-2020-00006803

Date

01/10/2020

**ANALYTICAL REPORT****Client Information**

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For the attention of Sylvia Sypełowska-Woźnicka

**Sample Information**

**Order Code:** EUAA70-00008487  
**Reception Date:** 30-Sep-2020  
**Analysis Starting Date:** 30-Sep-2020  
**Analysis Ending Date:** 1-Oct-2020  
**Sample described as:** A box of face masks

**Information provided by the customer:**

**Client Reference:** 54/178/293  
**Sample Description:**  
**Customer requirements:** No requirements  
**Purchase Order Number:**

**Decision rule** Not applicable. **Batch** Not provided

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**SAMPLE PICTURE**

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## CONCLUSION:

TEST PROPERTY	PASS	FAIL	REMARKS
Resistance against penetration by synthetic blood ISO 22609:2004			
A-Mask			REFER RESULT

**Remark:** Test has been performed as per application request

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## COMPONENT LIST:

COMPONENT ID	COMPONENT NAME	MATERIAL DESCRIPTION	COLOR	REMARKS
CUST 01	A-Mask	Face Mask	Blue	---

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MASKS TESTING

CAS No.

RESULTS

UNC.

LOQ

GUIDELINES

**Analyses on:A-Mask****Resistance against penetration by synthetic blood**

Analysis Ending Date: 01/10/2020

ISO 22609:2004

Result:

32 of 32 samples pass  
at 16 kPa

-

Complete test data reported at Annex.

AQL information according to ISO 22609:2004:

A single sampling plan providing an AQL of 4,0 % requires 32 test specimens.

An AQL of 4.0 % is met for a single sampling plan when 29 or more specimens show pass results.

AQL= Acceptable Quality Limit.





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[www.eurofins.com/tex](http://www.eurofins.com/tex)ENAC is signatory of EA and ILAC Multilateral Agreement for testing  
Activities not covered by ENAC accreditation are marked with    

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**Signed for and on behalf of Eurofins Textile Testing Spain:**

Report electronically validated by

**Mariola Serra**

Textil technical innovator

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**EXPLANATORY NOTE**

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- ◆ Test not covered by ENAC accreditation scope
- Test is subcontracted within Eurofins group and is accredited
- Test is subcontracted within Eurofins group and is not accredited
- Test is subcontracted outside Eurofins group and is accredited
- Test is subcontracted outside Eurofins group and is not accredited

N/A = Not Applicable

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Eurofins General Sales Terms and Conditions applied.

Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report.

Test uncertainties not reported are at customer disposal.

If you happen to have any comments, please do it by sending email to [textile\\_spain@eurofins.com](mailto:textile_spain@eurofins.com) and referring to this report number.

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**End Of Report**

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**DETERMINATION RESISTANCE AGAINST PENETRATION BY SYNTETIC BLOOD**

Test Method: ISO 22609:2004; Targeting-plate test method

Number of test specimens: 32

Sample size: Circular, diameter 5,58 cm

Sample area tested: 24,5 cm<sup>2</sup>

Pressure: 16 kPa (120,0 mm Hg)

Stream velocity of synthetic blood: 550±10 cm/s

Distance of the face mask target area surface from the tip of the cannula: 30,5 cm

Angle of the pneumatic valve with respect to the face mask target area: 90°

Technique used to enhance visual detection of synthetic blood: Hydrophilic cotton

Conditioning: At least 4 hours. T<sup>a</sup> between 16,7°C and 26 °C. HR% between 82,8 and 88 % Hr

Environmental test conditions 23,6 °C; 78,5 % Hr

Pre-treatment: None

Specimen	Results	
	Pass	Fail
1	X	
2	X	
3	X	
4	X	
5	X	
6	X	
7	X	
8	X	
9	X	
10	X	
11	X	
12	X	
13	X	
14	X	
15	X	
16	X	
17	X	
18	X	
19	X	
20	X	
21	X	
22	X	
23	X	
24	X	
25	X	
26	X	
27	X	
28	X	
29	X	
30	X	
31	X	
32	X	

<b>Conclusion</b>	<b>PASS</b>
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