

TEST REPORT NUMBER: PRTT00079520 Page 1 of 4
APPLICANT: SMART WORLD SOLUTIONS, SL. **DATE OF EMISSION:** 13/11/2020
CALLE VIVES LIERN, No. 3 PLANTA BAJA
VALENCIA, SPAIN
46007

SAMPLE DESCRIPTION: Type Mask : Social Masks (UNE0065)
Reference : Dony Mask UNE 0065 (30)
Supplier : Smart World Solutions SL

DATE OF RECEPTION: 1 - Social Masks
29/10/2020

TEST PERFORMED BETWEEN DATES: 29/10/2020 and 13/11/2020

WORK DAYS: 12

REQUEST: Tests performed in accordance with APPLICANT TEST REQUIREMENTS specification

NOTES:

Samples

Test	1
‡ BFE (FILTRATION)	M
‡ DIFFERENCIAL PRESSURE (BREATHABILITY)	M

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Textiles Laboratory Manager
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Test Method	Results	Requirements
‡ BFE (FILTRATION)		
EN 14683:2019+AC 2019		

Sample: 1 ≥90

RESULT

97.6%

Test Conditions:

Temperature: 21±5°C Humidity: 85±5%

Dimensions of the test specimens: 49cm² (5 test specimens)

Side of the test specimen facing the challenge aerosol: intern

Air flow rate: 28.3 l/min.

MPS 2.9

Test specimen 1 (96.8%), Test specimen 2 (98.2%), Test specimen 3 (96.8%),

Test specimen 4 (98.0%), Test specimen 5 (98.3%).

The expanded uncertainty at a confidence level of 95%, k=2: 1.8%

‡ DIFFERENCIAL PRESSURE (BREATHABILITY)

EN 14683:2019+AC 2019		
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Sample: 1 < 60

RESULT

22.0 Pa/cm²

Test Conditions:

Temperature: 21±5°C Humidity: 85±5%

Number and general location of the areas of the mask the differential measurements were taken: Test performed with the direction of flow from the inside to the outside. Side and central location.

Air flow rate: 8L/min

Dimensions of the test specimens: 4.9cm² (5 test specimens)

Figure (Distribution of the areas in the test specimen): Specimen 1,2,3,4,5:

Areas A,B,C,D,E

Test specimen 1 (22.0 Pa/cm²), Test specimen 2 (22.0 Pa/cm²), Test specimen

3 (22.0 Pa/cm²), Test specimen 4 (22.0 Pa/cm²), Test specimen 5 (22.0

Pa/cm²)

The expanded uncertainty at a confidence level of 95%, k=2: 8.7%

TEST REPORT NUMBER: PRTT00079520

Page 3 of 4

Sample: 1 < 60

RESULT

Remark:

The tests were performed after 30 washing cycles according to ISO 6330:2012

Type of machine: Front loading

Washing procedure: 6N, 60°C

Drying procedure: Line Dry

Detergent used: ECE Type A + Sodium Perborate + TAED

Total dry mass (kg): 2

Ballast used:100% Polyester

