

TEST REPORT

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REPORT NUMBER : TURT200088628
APPLICANT NAME : PPD Tanıtım Organizasyon & Promosyon Hizmetleri San. ve Tic. Ltd . Şti.
Attention : * (*)
BUYER : Medical
SAMPLE DESCRIPTION : Thirty Two samples of white non-woven masks
DATE IN : 13 July ,2020 (09:05:00)
RESUBMIT DATE : 17 July ,2020
DATE OUT : 17 August ,2020
FIBER COMPOSITION : Not Given
PROVIDED CARE LABEL : Not Given

TEST	SAMPLE
BACTERIAL FILTRATION EFFICIENCY (±)	1
DIFFERENTIAL PRESSURE (BREATHABILITY) (±)	P
MICROBIAL CLEANLINESS/BIOBURDEN (±)	P
SPLASH RESISTANCE PRESSURE (±)	NR

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS: FURTHER STEPS

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RESULTS

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Test Method	Results	Requirements
BACTERIAL FILTRATION EFFICIENCY (‡)		
INTERNAL METHOD BASED ON EN 14683		
Temperature: 21±5°C Humidity: 75±5%		
Dimensions of the test specimens: 4.9cm ² (5 test specimens)		
Side of the test specimen facing the challenge aerosol: intern		
Air flow rate: 28.3 l/min.		
MPS 3.0		
Expanded uncertainty = 0.16% (based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%)		
	Result	
Specimen 1	94.7%	≥95%
Specimen 2	96.7%	
Specimen 3	95.8%	
Specimen 4	96.7%	
Specimen 5	97.0%	
Average	96.2%	

(‡)The test was subcontracted to Intertek Italia

DIFFERENTIAL PRESSURE (BREATHABILITY) (‡)

INTERNAL METHOD BASED ON EN 14683

Temperature: 21±5°C Humidity: 75±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: 8 L/min

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

	Result	
Specimen 1	42.9 Pa/cm ²	<40 Pa/cm ²
Specimen 2	35.7 Pa/cm ²	
Specimen 3	34.7 Pa/cm ²	
Specimen 4	35.7 Pa/cm ²	
Specimen 5	35.7 Pa/cm ²	
Average	36.9 Pa/cm ²	

(‡)The test was subcontracted to Intertek Italia

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Test Method	Results	Requirements
MICROBIAL CLEANLINESS/BIOBURDEN (‡)		
EN 14683:2019 / EN ISO 11737-1:2018		
Temperature: 21±5°C Humidity: 75±5%		
5 min shaker at 250rpm		
Area of each test specimen: 5 test specimens		
Mic30°C (3 days), Molds and yeasts		
25°C (7 days)		
	Result	
	20 UFC/g	≤30 UFC/g

(‡)The test was subcontracted to Intertek Italia

SPLASH RESISTANCE PRESSURE (‡)		
MI 173 (ISO 22609:2004)		
Temperature: 21±5°C Humidity: 75±5%		
Number and general location of the areas: center /32 test specimens		
AQL < 4%		
	Result	
	<16 kPa	No Requirement

(‡)The test was subcontracted to Intertek Italia

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END OF TEST REPORT