



ANALYSIS REPORT

REPORT NO : 2020.1444-41
CUSTOMER ADDRESS : PLATİN MODA TASARIM TEKS. SAN.
VE DIŞ TİC. LTD. ŞTİ. Çobançeşme
Mah. Selvi Sokak
No: 3/Kat 3, Bahçelievler İstanbul
SAMPLE NAME : SMS Gown/Bio Fresh/40 gr
DATE OF SAMPLE RECEIPT : 07/09/2020
REPORT DATE : 28/09/2020
PERSON IN CHARGE OF TEST : Assoc. Prof. Dr. Nilay BERELİ
APPROVING AUTHORITY : Prof. Dr. Adil DENİZLİ

SUBJECT

This report has been prepared upon the request of Chemical, Physical and Mechanical Analysis of the Level 2 SMS Surgical Gown sample which is delivered and belong to Platin Moda Tasarım Teks. San. ve Dış Tic. Ltd. Şti., together with the cover letter dated 07/09/2020 and titled "Level 2 SMS Surgical Gown Analysis Report".

ANALYSIS RESULTS

ITEM NUMBER	REQUIREMENTS	RESULT	COMMENT
1.	Liquid Penetration; Hydrostatic Pressure: ≥ 50 cm (AATCC 127: 2017-Option 2)	50 cm	LEVEL 2 PASS
2.	Liquid Penetration; Sprey Impact: ≤ 1.0 g (AATCC 42: 2017)	1.0 gr	LEVEL 2 PASS
3.	Tensile strength - dry; <u>Standart performance;</u> critical area: N: ≥ 20 less critical area: N: ≥ 20 <u>High performance;</u> critical area: N: ≥ 20 less critical area: N: ≥ 20 (EN 29073-3)	Critical area: 71 N Less critical area: 71 N	LEVEL 2 PASS
4.	Tensile strength - wet; <u>Standart performance;</u> critical area: N: ≥ 20 <u>High performance;</u> critical area: N: ≥ 20 (EN 29073-3)	Critical area: 85 N	LEVEL 2 PASS



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ITEM NUMBER	REQUIREMENTS	RESULT	COMMENT
5.	Bursting strength - dry; <u>Standart performance;</u> critical area: kPa: ≥ 40 less critical area: kPa: ≥ 40 <u>High performance;</u> critical area: kPa: ≥ 40 less critical area: kPa: ≥ 40 (EN ISO 13938-1)	Critical area: 148 kPa Less critical area: 148 kPa	LEVEL 2 PASS
6.	Bursting strength - wet; <u>Standart performance;</u> critical area: kPa: ≥ 40 <u>High performance;</u> critical area: kPa: ≥ 40 (EN ISO 13938-1)	Critical area: 127 kPa	LEVEL 2 PASS
7.	Linting; <u>Standart performance;</u> critical area: Log_{10} (lint count): ≤ 4.0 less critical area: Log_{10} (lint count): ≤ 4.0 <u>High performance;</u> critical area: Log_{10} (lint count): ≤ 4.0 less critical area: Log_{10} (lint count): ≤ 4.0 (EN ISO 9073-10)	Critical area: Log_{10} (lint count): 2.4 Less critical area: Log_{10} (lint count): 2.4	LEVEL 2 PASS
8.	Resistance to liquid penetration; <u>Standart performance;</u> critical area: cm H ₂ O: ≥ 20 less critical area: cm H ₂ O: ≥ 10 <u>High performance;</u> critical area: cm H ₂ O: ≥ 100 less critical area: cm H ₂ O: ≥ 20 (EN ISO 20811)	Critical area: 106.25 cm H ₂ O Less critical area: 106.25 cm H ₂ O (The mean of 3 consecutive measurement values)	LEVEL 2 PASS High Performance
9.	AAMI PB70 TESTS;		
9.1.	Sterilization; Ethylene oxide	PASS	PASS
9.2.	Cytotoxicity; (ISO 10993-5)	PASS	PASS
9.3.	Skin Irritation; (ISO 10993-5)	PASS	PASS
9.4.	Skin Sensitization; (ISO 10993-5)	PASS	PASS

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Prof. Dr. Adil DENİZLİ
Laboratory Director