Industrial Services Test Evaluation Report

Producer	PLATİN MODA TASARIM TEKSTİL SANAYİ VE DIŞ TİCARET LİMİTED ŞİRKETİ
Address	ÇOBANÇEŞME MAH. SELVİ SOK. NO:3/31 BAHÇELİEVLER / İSTANBUL / TÜRKİYE
Document No	RP-22043020-A52-511-02
Document Type	☐ First ☐ Interim ☒ Finally
Inspection Date	01.06.2020 (rev.1 - 07.07.2020)
Revision	01

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Sample Definition	Disposable Surgical Drapes And Gowns (Bio Fresh)
Fabric	40 gr Spunbond-Meltblown-Spunbond (SMS) Non Woven
Standards	EN 13795-1/2 (Annex + AAMI PB70 + AATCC TM 42 + AATCC TM 147), EN 14126:2003

Characteristic	Microbial Penetration – Dry		
Test method	EN ISO 22612		
Unit	CFU		
Critical product area	Not required		
	Fulfilled ☐	*Unfulfilled* ☐	N/A ☒
Less critical product area	≤ 300		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
EN ISO 22612 // Test method for resistance to dry microbial penetration			

Characteristic	Microbial penetration – Wet		
Test method	EN ISO 22610		
Unit	I_B		
Critical product area	6,00		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
Less critical product area	Not required		
	Fulfilled ☐	*Unfulfilled* ☐	N/A ☒
EN ISO 22610 // Test method to determine the resistance to wet bacterial penetration			

Characteristic	Cleanliness microbial / Bioburden		
Test method	EN ISO 11737-1		
Unit	CFU/100 cm^2		
Critical product area	≤ 300		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
Less critical product area	≤ 300		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
EN ISO 11737-1 // Determination of a population of microorganisms on products			

Characteristic	Particle Release		
Test method	EN ISO 9073-10		
Unit	log_{10} (lint count)		
Critical product area	≤ 4,00		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
Less critical product area	≤ 4,00		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
EN ISO 9073-10 // Lint and other particles generation in the dry state			

Characteristic	Liquid Penetration		
Test method	EN ISO 811		
Unit	cm H_2O		
Critical product area	≥ 100		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
Less critical product area	≥ 100		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
EN ISO 811 // Hydrostatic pressure test			

Characteristic	Bursting strength - Dry		
Test method	EN ISO 13938-1		
Unit	kPa		
Critical product area	≥ 40		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
Less critical product area	≥ 40		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
EN ISO 13938-1 // Hydraulic method for determination of bursting strength and bursting distension			

Characteristic	Bursting strength – Wet		
Test method	EN ISO 13938-1		
Unit	kPa		
Critical product area	≥ 40		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
Less critical product area	Not required		
	Fulfilled ☐	*Unfulfilled* ☐	N/A ☒
EN ISO 13938-1 // Hydraulic method for determination of bursting strength and bursting distension			

Characteristic	Tensile strength – Dry		
Test method	EN 9073-3		
Unit	N		
Critical product area	≥ 20		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
Less critical product area	≥ 20		
	Fulfilled ☐	*Unfulfilled* ☐	N/A ☒
EN 9073-3 // Determination Of Tensile Strength And Elongation			

Characteristic	Tensile strength - Wet		
Test method	EN 9073-3		
Unit	N		
Critical product area	≥ 20		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
Less critical product area	Not required		
	Fulfilled ☐	*Unfulfilled* ☐	N/A ☒
EN 9073-3 // Determination Of Tensile Strength And Elongation			

Characteristic	Droplets		
Test method	AAMI PB70		
Unit	levels 1 to 3		
AAMI	2		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
ANSI/AAMI PB70 // Protective Apparel Liquid Barrier Requirements in Health Care			

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Characteristic	Impact Penetration		
Test method	AATCC TM 42		
Unit	Gr		
Critical product area	≤ 1.0		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
Less critical product area	Not required		
	Fulfilled ☐	*Unfulfilled* ☐	N/A ☒
AATCC TM42-2017e // Test Method for Water Resistance: Impact Penetration test (4% AQL)			

Characteristic	Hydrostatic Pressure		
Test method	AATCC TM 127		
Unit	Cm		
Critical product area	≥ 20		
	Fulfilled ☒	*Unfulfilled* ☐	N/A ☐
Less critical product area	Not required		
	Fulfilled ☐	*Unfulfilled* ☐	N/A ☒
AATCC TM127-2017(2018)e, Test Method for Water Resistance: Hydrostatic Pressure (4% AQL)			

- This document has been prepared at the request of the company.
- The conformity of the information and values given to the standard has been reported.
- This evaluation has been checked for compliance with the requirements of the standard.
- Engineering service was provided with this report.

Preparing the document

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