



Customer	PLATİN MODA TASARIM TEKSTİL SANAYİ VE DIŞ TİCARET LİMİTED ŞİRKETİ
Address	ÇOBANÇEŞME MAH. SELVİ SOK. NO:3/31 BAHÇELİEVLER / İSTANBUL / TÜRKİYE
Customer Order No	22042020-A42-153
Report No	RP-22042020-A42-153-01
Report Type	<input type="checkbox"/> First <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Finally
Inspection Date	01.04.2020
Report Date	20.04.2020

Manufacturer	PLATİN MODA TASARIM TEKSTİL SANAYİ VE DIŞ TİCARET LİMİTED ŞİRKETİ
Address	ÇOBANÇEŞME MAH. SELVİ SOK. NO:3/31 BAHÇELİEVLER / İSTANBUL / TÜRKİYE

Sample Definition	Protective clothing - Protective Clothing Against Infective Agents (Class 3/4/5/6)
Standards	EN 14126, EN 14325, EN 466, EN 465, EN ISO 13982-1, EN 13034



EN 14126																							
Item No	Necessity	Requirement																					
4.	<b>Requirements</b>																						
4.1	<b>Materials requirements</b>																						
4.1.1	<b>General</b>																						
If the care instructions indicate that the clothing can be cleaned and reprocessed at least five times, protective clothing materials shall be submitted to five cleaning and reprocessing cycles according to the manufacturer's care instructions before testing.		Product models are not cleanable. It is disposable.																					
		Uygun <input checked="" type="checkbox"/> Fulfilled	Uygun Değil <input type="checkbox"/> Unfulfilled	Uygulanamaz <input type="checkbox"/> N/A																			
4.1.2	<b>Mechanical and flammability requirements</b>																						
The materials shall be tested and classified in accordance with the test methods and performance classification system specified in the relevant clauses of EN 14325.																							
Test Methods & Performance Classification of Chemical Protective Clothing EN 14325																							
	Abrasive Resistance	Flex Cracking	Trapezoidal Tear	Tensile Strength	Puncture Resistance																		
Test Method	EN 530	EN ISO 7854	EN ISO 9073-4	EN ISO 13934-1	EN 863																		
Unit Of Measurement	Cycles	Cycles	Newton	Newton	Newton																		
Class 6	>2,000	>100,000	>150 N	>1,000N	>250N																		
Class 5	>1,500 <2,000	>40,000<100,000	>100 <150	>500 <1,000	>150 <250																		
Class 4	>1,000 <1,500	>15,000 <40,000	>60 <100	>250 <500	>100 <150																		
Class 3	>500 <1,000	>5,000 <15,000	>40 <60	>100 <250	>50 <100																		
Class 2	>100 <500	>2,500 <5,000	>20 <40	>60 <100	>10 <50																		
Class 1	>10 <100	>1,000 <2,500	>10 <20	>30 <60	>5 <10																		
Abrasive Resistance: Flex Cracking: Trapezoidal Tear: Tensile Strength: Puncture Resistance:		<table border="1"> <thead> <tr> <th>Average</th> <th>Sample1</th> <th>Sample2</th> </tr> </thead> <tbody> <tr> <td>Abrasive Resistance</td> <td>2.100</td> <td>2.030</td> </tr> <tr> <td>Flex Cracking</td> <td>106.000</td> <td>98.000</td> </tr> <tr> <td>Trapezoidal Tear</td> <td>165</td> <td>130</td> </tr> <tr> <td>Tensile Strength</td> <td>1200</td> <td>850</td> </tr> <tr> <td>Puncture Resistance</td> <td>265</td> <td>180</td> </tr> </tbody> </table>				Average	Sample1	Sample2	Abrasive Resistance	2.100	2.030	Flex Cracking	106.000	98.000	Trapezoidal Tear	165	130	Tensile Strength	1200	850	Puncture Resistance	265	180
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Puncture Resistance	265	180																					
		Class 5 to 6																					
		Uygun <input checked="" type="checkbox"/> Fulfilled	Uygun Değil <input type="checkbox"/> Unfulfilled	Uygulanamaz <input type="checkbox"/> N/A																			
4.1.3	<b>Chemical Requirements</b>																						
If protection against chemicals is claimed, the materials shall be tested and classified in accordance with the test methods and performance classification system specified in the relevant clauses of EN 14325		It is used against pathogenic organisms.																					
		Uygun <input type="checkbox"/> Fulfilled	Uygun Değil <input type="checkbox"/> Unfulfilled	Uygulanamaz <input checked="" type="checkbox"/> N/A																			

## 4.1.4 Performance Requirements Against Penetration By Infective Agents

### 4.1.4.1 Resistance To Penetration By Contaminated Liquids Under Hydrostatic Pressure

When tested in accordance with ISO/FDIS 16603 and ISO/FDIS 16604 the material shall be classified according to the levels of performance given in Table 1, as obtained in the bacteriophage test (ISO/FDIS 16604).

(Tests resistance to infectious agents that are transmitted in pressurised liquids such as body fluids)

Table 1 - Classification of resistance to penetration by contaminated liquids under hydrostatic pressure (ISO/FDIS 16604)	
Class	Hydrostatic pressure at which the material passes the test
Class 6	20 kPa
Class 5	14 kPa
Class 4	7 kPa
Class 3	3,5 kPa
Class 2	1,75 kPa
Class 1	0 kPa

a) This means that the material is only exposed to the hydrostatic pressure of the liquid in the test cell

Resistance to penetration by contaminated liquids under hydrostatic pressure.	Class: 4 to 6			
	<table border="1"> <tr> <td>Uygun <input checked="" type="checkbox"/> Fulfilled</td> <td>Uygun Değil <input type="checkbox"/> Unfulfilled</td> <td>Uygulanamaz <input type="checkbox"/> N/A</td> </tr> </table>	Uygun <input checked="" type="checkbox"/> Fulfilled	Uygun Değil <input type="checkbox"/> Unfulfilled	Uygulanamaz <input type="checkbox"/> N/A
Uygun <input checked="" type="checkbox"/> Fulfilled	Uygun Değil <input type="checkbox"/> Unfulfilled	Uygulanamaz <input type="checkbox"/> N/A		

### 4.1.4.2 Resistance to penetration by infective agents due to mechanical contact with Substances containing contaminated liquids.

When tested in accordance with Annex A the material shall be classified according to the levels of performance given in Table 2.

Table 2 - Classification of resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids	
Class	Breakthrough time, t min.
Class 6	$t > 75$
Class 5	$60 < t \leq 75$
Class 4	$45 < t \leq 60$
Class 3	$30 < t \leq 45$
Class 2	$15 < t \leq 30$
Class 1	$\leq 15$ dakika

Breakthrough time	(Class 3 to 6)			
	<table border="1"> <tr> <td>Uygun <input checked="" type="checkbox"/> Fulfilled</td> <td>Uygun Değil <input type="checkbox"/> Unfulfilled</td> <td>Uygulanamaz <input type="checkbox"/> N/A</td> </tr> </table>	Uygun <input checked="" type="checkbox"/> Fulfilled	Uygun Değil <input type="checkbox"/> Unfulfilled	Uygulanamaz <input type="checkbox"/> N/A
Uygun <input checked="" type="checkbox"/> Fulfilled	Uygun Değil <input type="checkbox"/> Unfulfilled	Uygulanamaz <input type="checkbox"/> N/A		

#### 4.1.4.3 Resistance to penetration by contaminated liquid aerosols

When tested in accordance with ISO/DIS 22611 the material shall be classified according to the levels of performance given in Table 3.

Table 3 - Classification of resistance to penetration by contaminated liquid aerosols.	
Class	Penetration ratio (log)
Class 3	$\log > 5$
Class 2	$3 < \log \leq 5$
Class 1	$1 < \log \leq 3$

Resistance to penetration by contaminated liquid aerosols	Class 3 (Log 8.75)		
	Uygun <input checked="" type="checkbox"/> Fulfilled	Uygun Değil <input type="checkbox"/> Unfulfilled	Uygulanamaz <input type="checkbox"/> N/A

#### 4.1.4.4 Resistance to penetration by contaminated solid particles.

When tested in accordance with ISO/DIS 22612 the material shall be classified according to the levels of performance given in Table 4.

Table 4 - Classification of resistance to penetration by contaminated solid particles.	
Class	Penetration (log cfu)
Class 3	$\leq 1$
Class 2	$1 < \log \text{ cfu} \leq 2$
Class 1	$2 < \log \text{ cfu} \leq 3$

Resistance to penetration by contaminated solid particles.	Class 3 (0.47)		
	Uygun <input checked="" type="checkbox"/> Fulfilled	Uygun Değil <input type="checkbox"/> Unfulfilled	Uygulanamaz <input type="checkbox"/> N/A

4.2	Performance requirements for seams, joins and assemblages																
<p>Seams, joins and assemblages of protective clothing against infective agents shall fulfil the requirements specified in the relevant clauses of EN 14325 Seam strength shall be classified according to 5.5 of EN 14325</p> <p>Three flat specimens will be tested from each stitch type and three specimen sets will be calculated.</p> <p>Garment stitching performance should be classified according to the performance levels given in Table 13 using the lowest result, the weakest stitch type.</p> <p>The test method described in EN ISO 13935-2 applies to straight seams joining two pieces of material.</p>																	
<table border="1"> <caption>Table 13 - Classification of seam strength</caption> <thead> <tr> <th>Class</th> <th>Seam strength (N)</th> </tr> </thead> <tbody> <tr> <td>Class 6</td> <td>&gt; 500</td> </tr> <tr> <td>Class 5</td> <td>&gt; 300</td> </tr> <tr> <td>Class 4</td> <td>&gt; 125</td> </tr> <tr> <td>Class 3</td> <td>&gt; 75</td> </tr> <tr> <td>Class 2</td> <td>&gt; 50</td> </tr> <tr> <td>Class 1</td> <td>&gt; 30</td> </tr> </tbody> </table>				Class	Seam strength (N)	Class 6	> 500	Class 5	> 300	Class 4	> 125	Class 3	> 75	Class 2	> 50	Class 1	> 30
Class	Seam strength (N)																
Class 6	> 500																
Class 5	> 300																
Class 4	> 125																
Class 3	> 75																
Class 2	> 50																
Class 1	> 30																
Classification of seam strength:		525 N (Class 6), 346 N ( Class 5)															
		Uygun <input checked="" type="checkbox"/> <i>Fulfilled</i>	Uygun Değil <input type="checkbox"/> <i>Unfulfilled</i>														
		Uygulanamaz <input type="checkbox"/> N/A															
4.2	Whole requirements																
<p>Protective clothing against infective agents shall fulfil the relevant requirements of EN ISO 13688 and the whole suit requirements specified in the relevant standard for chemical protective clothing.</p>		<p>The sample meets the standard requirements. (EN ISO 13982-1, EN 13034) (After testing in accordance with the movements defined in clause 4.3.2 of EN ISO 13982-1: 2004, no damage to the suit was observed.)</p>															
<table border="1"> <thead> <tr> <th>Type of clothing</th> <th>Relevant standard</th> </tr> </thead> <tbody> <tr> <td>Type 1a, Tip 1b, Tip 1c, Tip 2</td> <td>EN 943-1 (EN 943-2)</td> </tr> <tr> <td>Type 3</td> <td>EN 466</td> </tr> <tr> <td>Type 4</td> <td>EN 465</td> </tr> <tr> <td>Type 5</td> <td>EN ISO 13982-1</td> </tr> <tr> <td>Type 6</td> <td>EN 13034</td> </tr> <tr> <td>Partial body protection</td> <td>EN 467</td> </tr> </tbody> </table>		Type of clothing	Relevant standard	Type 1a, Tip 1b, Tip 1c, Tip 2	EN 943-1 (EN 943-2)	Type 3	EN 466	Type 4	EN 465	Type 5	EN ISO 13982-1	Type 6	EN 13034	Partial body protection	EN 467		
Type of clothing	Relevant standard																
Type 1a, Tip 1b, Tip 1c, Tip 2	EN 943-1 (EN 943-2)																
Type 3	EN 466																
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Type 5	EN ISO 13982-1																
Type 6	EN 13034																
Partial body protection	EN 467																
		Uygun <input checked="" type="checkbox"/> <i>Fulfilled</i>	Uygun Değil <input type="checkbox"/> <i>Unfulfilled</i>														
		Uygulanamaz <input type="checkbox"/> N/A															
<p>The materials and design used shall not cause skin irritation nor have any adverse effect to health.</p>		<p>The materials and design used shall not cause skin irritation nor have any adverse effect to health.</p>															
		Uygun <input checked="" type="checkbox"/> <i>Fulfilled</i>	Uygun Değil <input type="checkbox"/> <i>Unfulfilled</i>														
		Uygulanamaz <input type="checkbox"/> N/A															

## Size chart

	*Chest	*Height
S	84 – 92	164 – 170
M	92 – 100	170 – 176
L	100 – 108	176 – 182
XL	108 – 116	182 – 188
2XL	116 – 124	188 – 194
3XL	124 – 132	194 – 200
4XL	132 – 140	200 – 206
5XL	140 – 148	206 – 212
* (cm)		

The sample meets the standard tolerance requirements.

Uygun   
Fulfilled

Uygun Değil   
Unfulfilled

Uygulanamaz   
N/A

## 5 Marking

Marking should be appropriate.

Appropriate marking was observed on the sample.

Uygun   
Fulfilled

Uygun Değil   
Unfulfilled

Uygulanamaz   
N/A

## 6 Information supplied the manufacturer

User information must be provided.

User instructions are seen.

Uygun   
Fulfilled

Uygun Değil   
Unfulfilled

Uygulanamaz   
N/A

- 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  
Mr. Besim BOZDAŞ  
Industry Engineer M.Sc.

