



**Testing Laboratory**  
**Polski Rejestr Statków S.A.**

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**Report no CL/PCLB8/10/2023**

Respiratory protective device –

Filtering half mask to protect against particles

Model: BR1MSK-001-01 (FFP2 NR class)– white, blue,  
green, black, grey, navy blue, red, orange, pink and  
yellow colors

**Class: FFP2 NR**

*(Object of testing)*




Date: 26.06.2023

Copy no: 1



1. Name and address of the applicant:	Products and Persons Certification Bureau Polski Rejestr Statków S.A. Al. Gen. Józefa Hallera 126, 80-416 Gdańsk
2. Address of testing:	Testing Laboratory Polski Rejestr Statków S.A. Al. Gen. Józefa Hallera 126, 80-416 Gdańsk
3. Order number:	187/2023
5. Manufacturer:	BRBEN TEKSTIL SAN VE TIC AS, 2.OSB 83207 NL CD NO 2/10 Sehittamil, Gaziantep, Turkey
6. Form and date of the order:	E-mail, date 22.06.2023
7. Delivery date of the samples:	22.06.2023
8. Date of performed testing:	22.06.2023 - 26.06.2023
9. Laboratory equipment used for testing: *-mark used equipment	<input type="checkbox"/> Mask breathing resistance tester BK-ZL-A <input type="checkbox"/> Particle filter efficiency tester - BK-GLXL-A <input type="checkbox"/> Face mask mechanical strength tester ZX 8030 <input type="checkbox"/> Face mask simulated wearing treatment ZX 2003As <input checked="" type="checkbox"/> Temperature & Humidity Test Chamber model: TH-800-D <input checked="" type="checkbox"/> Thermohigrometer H-288/20 <input checked="" type="checkbox"/> Timer CG-501, S/N 01709 <input checked="" type="checkbox"/> Balance Axis Model: BTA2100D <input checked="" type="checkbox"/> Thermometer Testo 177 – T4 Datalogger <input checked="" type="checkbox"/> Mask Retardant Flame Tester - BK-ZR-003
10. Testing instruction/procedure number/standard:	Test procedure PCLB8, edition 3, date 11.04.2023 Flammability according to p.8.6 PN-EN 149+A1:2010



<p>Samples conditioning 11. methods:* *-mark used methods</p>	<p><input type="checkbox"/> Mechanical strenght test according to p.8.3.3, PN-EN 149+A1:2010  <input checked="" type="checkbox"/> Temperature conditioning test according to p. 8.3.2 PN-EN 149+A1:2010  <input type="checkbox"/> Simulated wearing treatment according to p. 8.3.1 PN-EN 149+A1:2010  <input type="checkbox"/> Flow conditioning according to 8.3.4 PN-EN 149+A1:2010  <input checked="" type="checkbox"/> Internal requirements – mass measurement</p>
<p>12. Representative of notified body:</p>	<p>Zbigniew Orłowski +48 885 267 331 zbigniew.kazimierz.orlowski@prs.pl Products and Persons Certification Bureau Expert</p>
<p>13. Name and surname of the guide:</p>	<p>Agnieszka Włodarczyk</p>
<p>14. Statement:</p>	<p>The test results apply only to the tested samples under the specified test conditions.</p>
<p>15. Photos of samples:</p>	





16. Test results:

a) Environmental factors

Temperature during testing (before-after): ( 23,8 - 24,5 ) °C

Humidity during testing (before-after): ( 50 - 51 ) % RH

b) Mass measurement:

	L.p.	Sample number	Mass [g]	Comments
Flammability according to p.8.6 PN-EN 149+A1:2010	1	1/F/187/2023	5,29	white color
	2	2/F/187/2023	5,32	white color
	3	3/F/187/2023	5,31	white color
	4	4/F/187/2023	5,30	white color
	5	5/F/187/2023	5,60	grey color
	6	6/F/187/2023	5,46	grey color
	7	7/F/187/2023	5,38	black color
	8	8/F/187/2023	5,43	black color
	9	9/F/187/2023	5,49	blue color
	10	10/F/187/2023	5,53	blue color
	11	11/F/187/2023	5,57	green color
	12	12/F/187/2023	5,62	green color
	13	13/F/187/2023	5,48	pink color
	14	14/F/187/2023	5,55	pink color
	15	15/F/187/2023	5,67	red color
	16	16/F/187/2023	5,73	red color
	17	17/F/187/2023	5,59	orange color
	18	18/F/187/2023	5,57	orange color
	19	19/F/187/2023	5,62	yellow color
	20	20/F/187/2023	5,67	yellow color
	21	21/F/187/2023	5,48	navy blue color
	22	22/F/187/2023	5,60	navy blue color

c) Flammability according to p.8.6 PN-EN 149+A1:2010

Acceptance criteria: Particle filtering mask shall not burn or not to continue to burn for more than 5 s after removal from the flame.

Sample number	Conditioning	Test result
1/F/187/2023	AR	Positive
2/F/187/2023	AR	Positive
3/F/187/2023	TC	Positive
4/F/187/2023	TC	Positive
5/F/187/2023	AR	Positive
6/F/187/2023	TC	Positive
7/F/187/2023	AR	Positive
8/F/187/2023	TC	Positive
9/F/187/2023	AR	Positive
10/F/187/2023	TC	Positive
11/F/187/2023	AR	Positive
12/F/187/2023	TC	Positive





13/F/187/2023	AR	Positive
14/F/187/2023	TC	Positive
15/F/187/2023	AR	Positive
16/F/187/2023	TC	Positive
17/F/187/2023	AR	Positive
18/F/187/2023	TC	Positive
19/F/187/2023	AR	Positive
20/F/187/2023	TC	Positive
21/F/187/2023	AR	Positive
22/F/187/2023	TC	Positive

Used conditioning methods: AR - As received, TC - Temperature conditioning

**17. The name of the representative of the Notified Body in whose presence the tests were carried out.**

Zbigniew Orłowski  
Products and Persons Certification Bureau Expert

**18. Conformity/nonconformity with the standard:**

Filtering half mask fulfills requirements given in point 7.11 of the standard PN-EN 149+A1:2010 for flammability.

**19. Attachments**

No attachments

**20. Report written by:**

Michał Płocharczyk

(signature)

**21. Report authorized by:**

Agnieszka Włodarczyk

Polski Rejestr Statków S.A.  
Testing Laboratory Manager

(signature)

END OF REPORT

C.C:

1 - Copy Client

~~2 - Copy Testing Laboratory PRS~~



