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Tests Report no. CL/PCLB8/5/11/2021

Laboratorium Badawcze

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REPORT No CL/PCLB8/5/11/2021

Respiratory protective device – Filtering half
mask to protect against particles
model: PF-1830V

Test of filtering half masks FFP3 NR

(Product / object of research)



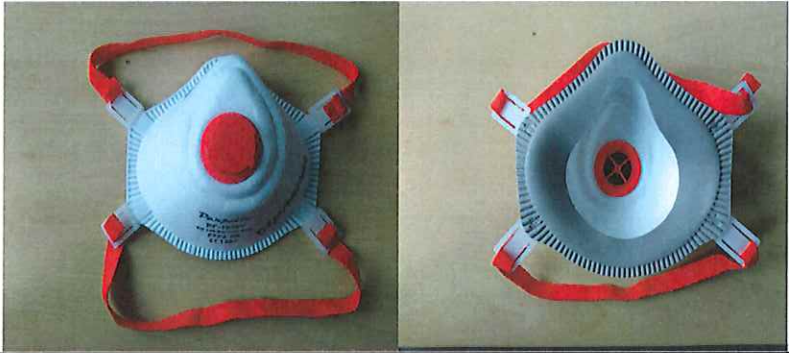
Issue date: 2021-11-19

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**Tests Report no. CL/PCLB8/5/11/2021**

1. Name and address of the applicant:	PRODUCT AND PERSONS CERTIFICATION BUREAU (CW) PRS.S.A. al. Gen. Józefa Hallera 126, 80-416 Gdańsk.
2. Location of performed testing:	Testing Laboratory Polski Rejestr Statków S.A. al. Gen. Józefa Hallera 126, 80-416 Gdańsk, Poland Approval certificate NO : CW/730000/01/2020
3. Object/product description and identification of testing:	CONTRACT NO 716/2021
3.1 Name of objects/products:	Respiratory protective device – Filtering half mask to protect against particles model: PF-1830V 
3.2 Manufacturer:	NINGBO PERFECT PERSONAL PROTECTION EQUIPMENT CO., LTD., 3rd Floor, BLDG C. Jinyan St. China Fur Market, Langxia Street, Yuyao, Zhejiang, China
3.3 Number of objects/products/samples:	PRS Laboratory numbers: 001/F/716/2021, 002/F/716/2021, 002/F/716/2021, 004/F/716/2021,
4. Person / company ordering and financing the tests	PRODUCT AND PERSONS CERTIFICATION BUREAU (CW) PRS.S.A. al. Gen. Józefa Hallera 126, 80-416 Gdańsk.
5. Form and date of the order tests	Test ordered of the day 2021-11-10 email from Zbigniew Orłowski
6. Objects/products/samples date of receipt and place for testing:	2021-11-10, Gdańsk Testing Laboratory
7. Date of performed testing:	2021-11-15 - 2021-11-19

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8. Laboratory equipment used for testing:	Temperature & Humidity Test Chamber ASLI model: TH-800-D Weather station MUTECH No H-288/20 Timer CG-501, Maraserw-5 S/N 01709 Weight Axis TYPE: BTA2100D Testo 177 – T4 Datalogger Mask Retardant Flame Tester BK-ZR-003
9. Testing instruction/procedure number/standard:	Test methodology in accordance with the PN-EN 149+A1:2010 standard and laboratory test procedure: PCLB-8 Test procedure EN 149 edition 1 from 2020-08-13
10. Scope of test:	<ul style="list-style-type: none">Flammability method of test and requirements in accordance with EN 149:2001 + A1:2009 Before tests according to requirements of the standard, filtering half masks were submitted to: <ul style="list-style-type: none">temperature conditioning according to 8.3.2 of EN 149:2001 + A1:2009internal requirement - mass measurement of filtering half masks
11. Declaration	The test results concern only the behavior of the tested product samples under specific test conditions.
12. Report NO	CL/PCLB8/5/11/2021
13. Environmental factors for penetration test	Temperature: 21,7 °C
14. Name and surname of the Guide	Wojciech Pytlak

15. Test results:**15.1 Internal requirement - mass measurement of filtering half masks****Table 1– results of mass measurement of filtering half masks for PF-1830V**

No.	Sample No.	Mass [grams]
1	001/ F /716/2021	26,28
2	002/ F /716/2021	25,92
3	003/ F /716/2021	26,29
4	004/ F /716/2021	25,34

15.2 Flammability according to EN 149:2001 + A1:2009 point 8.6.

Table 2– test results of Flammability of filter material for PF-1830V

Requirements in accordance with EN 149:2001 + A1:2009			
The particle filtering half mask shall not burn or not continue to burn for more than 5 s after removal from the flame			
No.	Sample No.	Condition	Test result Positive/Negative
1	001/ F /716/2021	AR	Positive
2	002/ F /716/2021	AR	Positive
3	003/ F /716/2021	TC	Positive
4	004/ F /716/2021	TC	Positive

AR - As received, SW – Simulated wearing treatment, TC – Temperature conditioning, MS – Mechanical Strength, FC – Flow conditioning.

16. 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

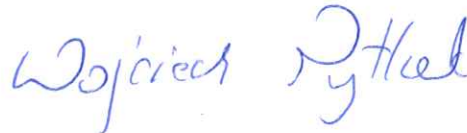
17. Estimation of conformity / nonconformity with the standard:

- Filtering half mask fulfill requirements given in point 7.11 of the standard EN 149:2021+A1:2009 for flammability.

18. Annexes:
No Annexes

19. Report written by:

Wojciech Pytlak



(podpis)

20. Report authorized by:

Władysław Bogdanowicz

POLSKI REJESTR STATKÓW S.A.

Władysław Bogdanowicz
Testing Laboratory
(podpis)

Władysław Bogdanowicz



C.C.:

1. Copy no 1 – Client,
2. Copy no 2 – Testing Laboratory PRC.