



## FICHA TÉCNICA Y DOCUMENTACIÓN

---

### MASCARILLA FFP2 NR COLOR NEGRO y BLANCO

FÁBRICA:  
TRN MODA TEKIL VE TIC. LTD. STI.

# MASCARILLA FILTRANTE FFP2 NR - TAMAÑO ADULTO

**NOMBRE DEL PRODUCTO: MASCARILLA FFP2 NR ADULTO**

## **DISTRIBUIDORES E IMPORTADORES:**

**INCA PRODUCT S.L.**  
Ávila(España)

**AGRUPACIÓN SALUD-DA GAYO INVERSIONES SL.**  
Alcorcón (España)

## **FABRICANTE:**

TRN MODA TEKSTIL SAN. Ve Tic. Ltd. Şti.  
Dirección: Selahaddin Eyyubi Mah, 1538. Sk. No: 32/4, 34517 Esenyurt / İstanbul / Turkey

## **CERTIFICACIONES Y DOCUMENTACIÓN:**

**EU declaración de conformidad** del fabricante.  
Modelo de mascarilla: TRNMT-NRF M002  
Marca: TRN MedTex

**Certificado del Módulo B categoría III** según directiva **2016/425 y EN 149:2001+A1:2009** :

**EN 149:2001+A1:2009**

Laboratorio: MNA LABORATUVARLARI SAN. TIC. LTD. STI.

Código del notificador: 2841.

Código test: M-2021-00461, M-2021-00620

Fecha: 07.04.2021

**Certificado del Módulo C2 ANEXO VIII** según normativa **2016/425 y EN 149:2001+A1:2009** :

Laboratorio: MNA LABORATUVARLARI SAN. TIC. LTD. STI.

Código del notificador: 2841.

Código test: 200-21-02-R01-01

Fecha: 08.04.2021

Enlace de verificación del notificador.

Foto del marcado de la mascarilla.

*Adjuntamos documentación*

## MASCARILLA FILTRANTE FFP2 NR - TAMAÑO ADULTO

### FOTO MARCADO DE LA MASCARILLA

MÁSCARA MARCADA CON:

- Nombre de la fábrica
- Modelo del fabricante
- Tipo de máscara
- NR de no reutilizable
- Certificado CE
- Normativa que cumple



### CAJA MASTER

CAJA MASTER DE 40\*60\*50 CM

1MASCARILLA/BLISTER  
10MASCARILLAS/CAJA  
116 CAJAS DE 10UDS / CAJA MASTER

[https://ec.europa.eu/growth/tools-databases/nando/index.cfm?fuseaction=notifiedbody.notificationbody&refe\\_cd=NANDO](https://ec.europa.eu/growth/tools-databases/nando/index.cfm?fuseaction=notifiedbody.notificationbody&refe_cd=NANDO)

### Notification

Found : 1

Body :

**MNA LABORATUVARLARI SANAYI TICARET LIMITED ŞİRKETİ**

KüçükbakkalköyMah. Yenidoğan Cad. No: 21

Ataşehir/İSTANBUL

Country : Turkey

Phone : 00902165740708

Fax : 00902165751331

Email : [info@mnalab.com](mailto:info@mnalab.com)

Website : <https://www.mnalab.com>

Notified Body number : 2841

Last approval date : 22/11/2019

### Legislations

• Regulation (EU) 2016/425 Personal protective equipment

[HTML](#)

[PDF](#)

## DOCUMENTACIÓN Y CERTIFICADOS



TRN MedTex

[www.trnmedtex.com](http://www.trnmedtex.com)

## CE DECLARATION OF CONFORMITY

This declaration of conformity, which is the sole responsibility of the manufacturer

**Producer: TRN Moda Tekstil San. Ve Tic. Ltd. Şti.**

**Address:** Selahaddin Eyyubi Mah, 1538. Sk. No: 32/4, 34517 Esenyurt / İstanbul / Turkey  
has been issued, relates to the following personal protective equipment (PPE)

**Brand:** TRN MedTex

**Product model:** TRNMT-NRF M002

**Performance class:** FFP2 NR

**Product description:** Particle Filtering Half Mask complies with the provisions of the following European regulations and / or directives Ordinance on Personal Protective Equipment (PPE)

The model complies with the provisions of Regulation (EU) 2016/425, including compliance with applicable basic health and safety requirements according to Annex II, and the national norm for the implementation of the harmonized European standard norm (s): **EN 149: 2001 + A1: 2009** and is identical to the PPE, which is the subject of the EU type examination (Module B of Regulation [EU] 2016/425), which is referred to in the certificate number:

**200-21-02**

Issued by

**MNA LABORATUVARLARI SAN. TİC. LTD. ŞTİ.**

**Küçükbakkalköy, Yenidoğan Cd. No:21, 34750 Ataşehir/İstanbul TÜRKİYE**

is subject to the procedures of Module C2 of Regulation (EU) 2016/425 under Supervision of Universal, notified body number 2841

**Signed by: Fahri TURAN**

**President**

**Date: March 27, 2021**

TRN MODA TEKSTİL  
SAN. VE TİC. LTD. ŞTİ.  
Selahaddin Eyyubi Mah 1538. Sk.  
32/4 Esenyurt / İSTANBUL  
Esenyurt V.D. 859 100 5280  
Tic. Sic. No: 58487-5



# AB Tip İnceleme Sertifikası EU Type-Examination Certificate

**Belge No / Certificate No** : 200-21-02-R01  
**Belgelendirme Tarihi - Bir Sonraki Belge Tarihi /  
Certification Date / Certificate Validity Date** : 07.04.2021-29.03.2026  
**Belge Geçerlilik Tarihi / Document Validity Period:** 5 yıl / 5 years  
**Firma Unvanı ve Adresi /  
Company Name and Address** : TRN MODA TEKSTİL SAN. VE TİC. LTD. ŞTİ.  
Selahaddin Eyyubi Mah. 1538. Sk. No: 32 İç Kapı  
No: 4 Esenyurt/ İSTANBUL

**Ürün Adı /Modeller / Product Name / Models** : TRNMT-NRF M002  
**Direktifi / Directive** : 2016/425 REGULATION  
**Modülü/Kategori / Module / Category** : B MODÜLÜ/ KATEGORİ III  
MODULE B / CATEGORY III  
**Test Rapor No/ları / Test Report No** : M-2021-00461, M-2021-00620  
**Ürün Tipi / Product Type:**

- EN 149:2001+ A1:2009 Solunumla ilgili koruyucu cihazlar - Parçacıklara karşı koruma amaçlı filtreli yarım maskeler/ Respiratory protective devices - Filtering half masks to protect against particles

**Ürünün Malzeme Bilgisi / Product Material Information:** TRNMT-NRF M002 model ürünleri kumaş, elastik kayış, burun klipsi ve filtre katmanı kullanılarak imal edilmiştir./ TRNMT-NRF M002 model products are manufactured using fabric, elastic strap, nose clip, filter layer.

**Revizyon nedeni/ Reason for revision:** Farklı renkte ürün eklenmiştir./ Different color product has been added.

**Volkan AKIN**  
07.04.2021

**Karar Verici / Approver**



**Okan AKEL**  
07.04.2021

**Şirket Müdürü / General manager**





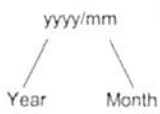

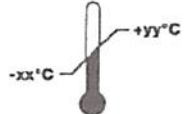

**ATTACHMENTS (200-21-02-R01)**

To certify the PPE product at Category III level, C2 or D module is accompanied by applying one of the conformity assessment methods along with the EU Type Examination (Module B).

**Model : TRNMT-NRF M002**

PPE SPECIFICATION	PERFORMANCE LEVELS
Classification	FFP2
Reusable / Single Shift Use	NR

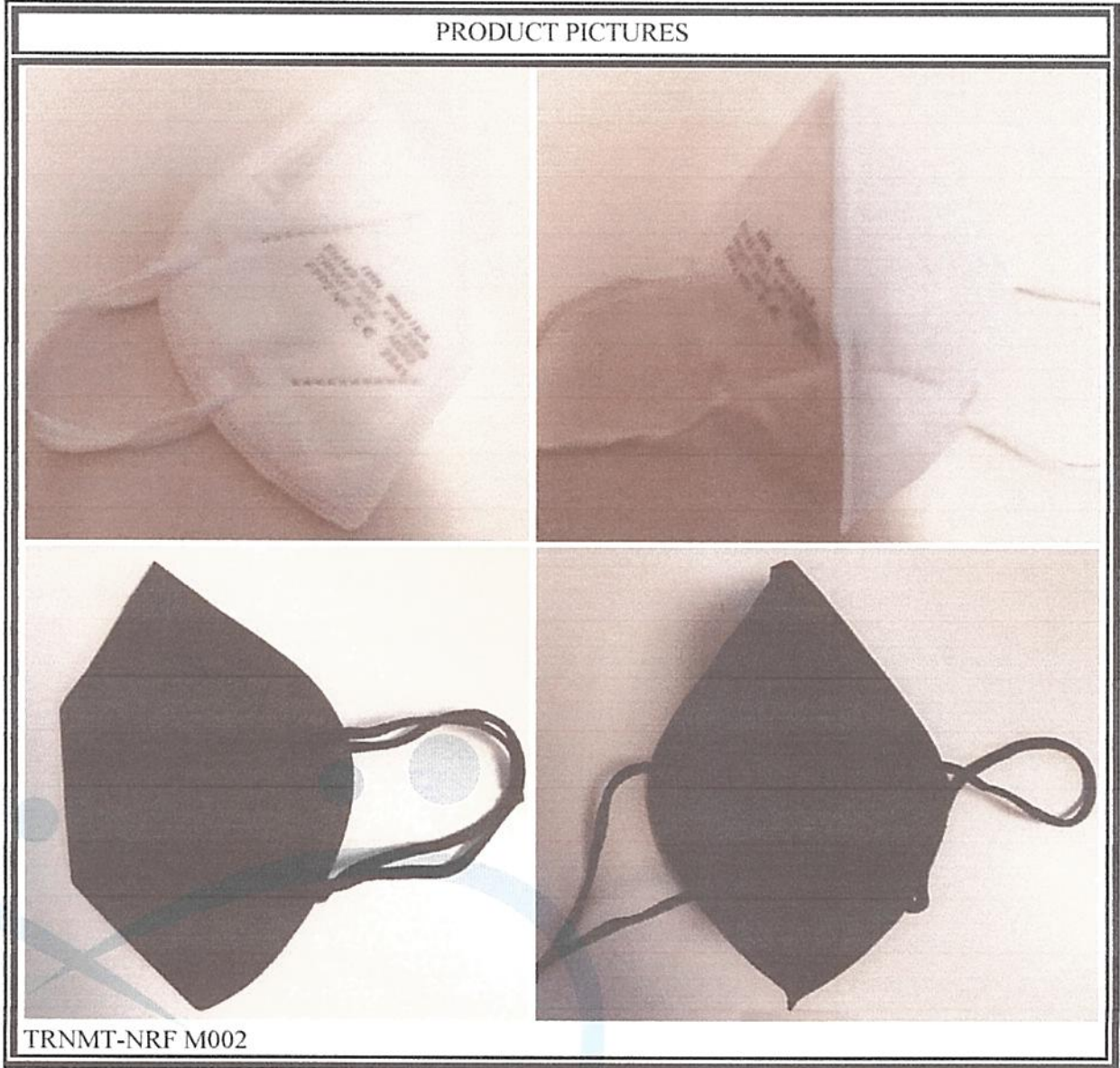
PPE produced as a single unit to fit an individual user, all the necessary instructions for manufacturing such PPE on the basis of the approved basic model:

MARKING					
<b>MANUFACTURER:</b> TRN MODA TEKSTİL SAN. VE TİC. LTD. ŞTİ.					
<b>PPE TYPE:</b>					
- EN 149:2001+ A1:2009 Respiratory protective devices - Filtering half masks to protect against particles					
<b>MODEL:</b> TRNMT-NRF M002					
<b>PICTOGRAM AND PERFORMANCE LEVELS:</b>					
EN 149:2001+ A1:2009 FFP2 NR					
 NB 2841		 Year Month	 yyyy/mm	 -xx°C +yy°C	 < xx%
Or Condition of Storage					

MNA LABORATORIES SAN. TIC. LTD. ŞTİ declares that the above-mentioned product meets the requirements of the directive according to the EU Directive 2016/425, the safety of the product is covered by the conditions and use specified in this certificate and in the technical file.



**ATTACHMENTS (200-21-02-R01)**



**DOCUMENTS IN THE TECHNICAL FILE**

- Basic Health Safety Requirements
- Risk Assessment
- Test Reports
- Technical Report

Report No :200-21-02-R01

Report Date :07.04.2021

Application No :200-21-02

**1. COMPANY INFORMATION:**

TRN MODA TEKSTİL SAN. VE TİC. LTD. ŞTİ.

Selahaddin Eyyubi Mah. 1538. Sk. No: 32 İç Kapı No: 4 Esenyurt/ İSTANBUL

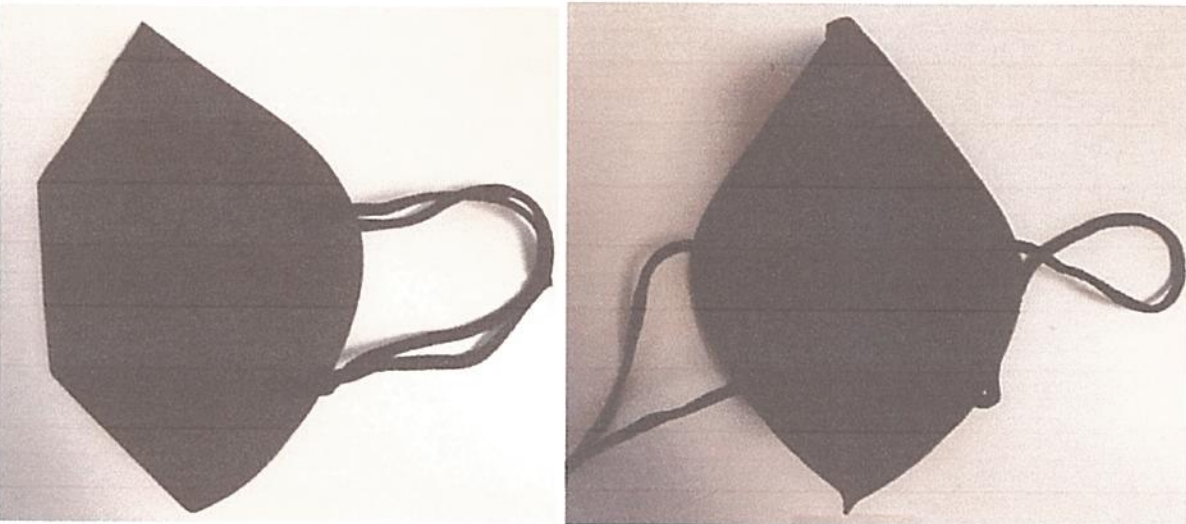
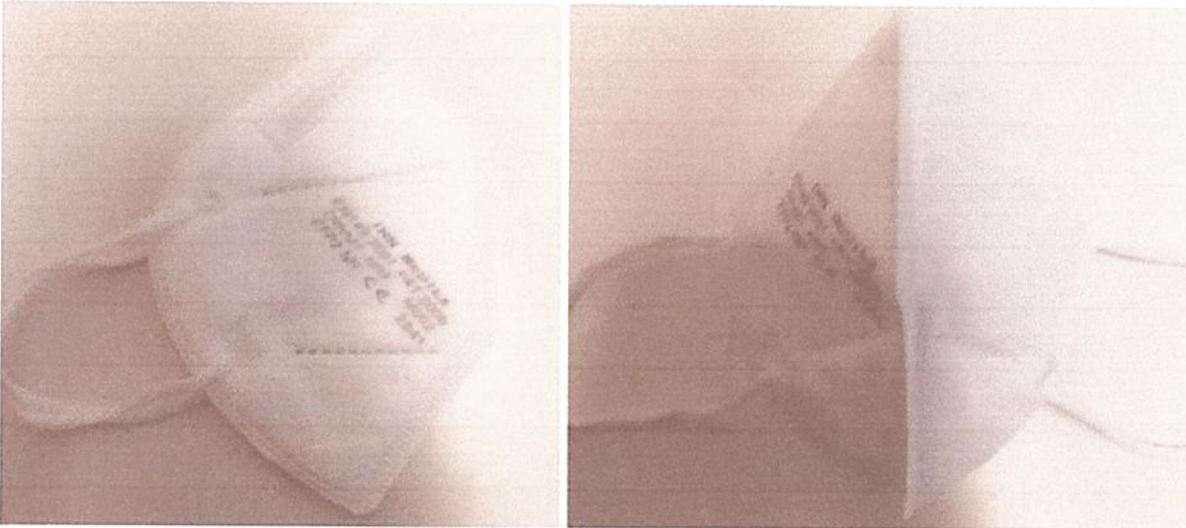
**2. PPE INFORMATION:**

Disposable and non-sterile half mask made of particulate protection filter material.

**3. PPE TYPE IDENTIFICATION**

EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles - Requirements, testing, marking

**4. PPE PICTURES**



TRNMT-NRF M002



**5. PPE DIMENSIONS:**

TRNMT-NRF M002 model has been found to be produced using standart sizes.

**6. PPE PRODUCT MATERIAL INFORMATION:**

The product is made of elastic strap, nonwoven fabric on the outer and inner layers and filter material on the middle layer.

**7. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS**

- A visual inspection was made according to EN 149:2001 +A1:2009 for ergonomics.
- Protection levels and degrees are defined by the manufacturer.
- Suitable construction materials were determined by visual inspection according to EN 149:2001 +A1:2009.

**8. ANALYSIS AND EVALUATIONS:**

EN 149:2001 +A1:2009

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Banned Azo Dyes	< 30 mg/kg				< 5 mg/kg	-	PASS
Part 7.3 Visual inspection	Shall also the marking and the information supplied by the manufacturer				Appropriate	-	PASS
Part 7.4 Packaging	Particle filtering half mask shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use.				Appropriate	-	PASS
Part 7.5 Material	When conditioned in accordance 8.3.1 & 8.3.2 the particle filter half mask shall not collapse.				Appropriate	-	PASS
Part 7.6 Cleaning and disinfecting	After cleaning and disinfecting the re-usable particle filtering half mask shall satisfy the penetration requirement of the relevant class.				Not applicable	-	Not applicable
Part 7.7 Practical performance	No negative comments should be made by the test subject regarding any of the criteria evaluated.				Appropriate	-	PASS
Part 7.8 Finish of parts	Parts of the device likely to come into contact with the wearer shall have no sharp edge or burrs.				Appropriate	-	PASS

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.9.1 Total inward leakage	At least 46 out of the 50 individual exercise result	<25	<11	<5	See the table below	FFP2	PASS
	At least 8 out of the 10 individual wearer arithmetic means	<22	<8	<2	See the table below	FFP2	PASS

Total Inward Leakage (%)						
	Exercise 1	Exercise 2	Exercise 3	Exercise 4	Exercise 5	Average
Subject 1 (As recieved)	7.0	6.9	7.9	8.1	8.2	7.6
Subject 2 (As recieved)	7.2	7.8	5.2	8.3	8.1	7.3
Subject 3 (As recieved)	7.3	8.8	7.9	7.5	7.9	7.9
Subject 4 (As recieved)	7.0	6.1	8.8	8.1	8.1	7.6
Subject 5 (As recieved)	6.7	6.5	9.0	9.4	8.1	7.9
Subject 6 (After temperature conditioning)	6.6	7.3	7.1	6.6	8.1	7.1
Subject 7 (After temperature conditioning)	6.4	7.6	7.0	7.9	10.5	7.9
Subject 8 (After temperature conditioning)	9.1	8.0	6.5	8.1	8.0	7.9
Subject 9 (After temperature conditioning)	6.7	6.9	6.6	7.9	6.5	6.9
Subject 10 (After temperature conditioning)	6.8	7.9	8.1	7.9	6.7	7.5

**Subject facial dimensions**

Subject	Face Length (mm)	Face Width (mm)	Face Depth (mm)	Mouth Width (mm)
1	133	132	132	65
2	125	144	116	67
3	126	135	124	75
4	123	133	134	74
5	117	135	122	73
6	122	142	133	66
7	113	132	114	75
8	135	123	123	65
9	122	135	133	74
10	135	142	125	83

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.9.2 Penetration of filter material	Sodium chloride, 95 L/min % , max	% 20	% 6	% 1	See the table below	FFP2	PASS
	Paraffin oil, 95 L/min % , max	% 20	% 6	% 1	See the table below	FFP2	PASS

Penetration of filter material	Sodium Chloride (%)	Paraffin Oil (%)
As recieved	4.1	4.2
As recieved	3.9	4.3
As recieved	4.1	4.2
After the simulated wearing treatment	4.2	4.6
After the simulated wearing treatment	4.3	4.9
After the simulated wearing treatment	4.3	4.8
Mechanical strength and temperature conditioning	5.5	5.6
Mechanical strength and temperature conditioning	5.3	5.4
Mechanical strength and temperature conditioning	5.4	5.6



TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.10 Compatibility with skin	Materials shall not be known to be likely to cause irritation or any other adverse effect to health				Appropriate	-	PASS
Part 7.11 Flammibility	Mask shall not burn or not to continue to burn for more than 5 s				Flame not seen	-	PASS
Part 7.12 Carbondioxide content of the inhalation air	Shall not exceed an average of % 1				0,81 0,84 0,79	-	PASS
Part 7.13 Head harness	It can be donned and removed easily				Appropriate	-	PASS
Part 7.14 Field of vision	The field of vision shall acceptable in practical performance test.				Appropriate	-	PASS
Part 7.15 Exhalation valve(s)	It shall withstand axially a tensile force of 10 N apply for 10 s. If fitted, shall continue to operate correctly after a continuous exhalation flow of 300 L/min over a period of 30 s.				Not applicable	-	Not applicable

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.16 Breathing Resistance	Inhalation 30L/min	0,6 mbar	0,7 mbar	1,0 mbar	See the table below	FFP2	PASS
	Inhalation 95L/min	2,1 mbar	2,4 mbar	3,0 mbar	See the table below	FFP2	PASS
	Exhalation 160L/min	3,0 mbar	3,0 mbar	3,0 mbar	See the table below	FFP2	PASS

Breathing Resistance (mbar)	Inhalation 30L/min	Inhalation 95L/min
As recieved	0.5	1,9
As recieved	0.5	1,8
As recieved	0.5	1,9
After temperature conditioning	0.5	1,9
After temperature conditioning	0.5	1,9
After temperature conditioning	0.5	1,8
After the simulated wearing treatment	0.4	1,9
After the simulated wearing treatment	0.5	1,8
After the simulated wearing treatment	0.5	1,8

Breathing Resistance 160L/min (mbar)	Facing directly ahead	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side
As recieved	2,2	2,2	2,2	2,1	2,2
As recieved	2,2	2,2	2,2	2,1	2,2
As recieved	2,2	2,2	2,2	2,2	2,2
After temperature conditioning	2,1	2,2	2,2	2,2	2,2



After temperature conditioning	2,1	2,2	2,2	2,2	2,2
After temperature conditioning	2,1	2,2	2,1	2,2	2,2
After the simulated wearing treatment	2,2	2,2	2,2	2,2	2,2
After the simulated wearing treatment	2,2	2,2	2,2	2,2	2,2
After the simulated wearing treatment	2,2	2,2	2,2	2,2	2,2

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.17 Clogging	After clogging the inhalation resistances shall not exceed. (valved)	4 mbar	5 mbar	7 mbar	Not applicable	-	Not applicable
	The exhalation resistance shall not exceed 3 mbar at 160 L/ min continuous flow. (valved)				Not applicable	-	Not applicable
	After clogging the inhalation and exhalation resistances shall not exceed. (valveless)	3 mbar	4 mbar	5 mbar	Not applicable	-	Not applicable
Part 7.18 Demountable part	All demountable parts (if fitted) shall be readily connected and secured were possible by hand.				Not applicable	-	Not applicable

## 9. DECISION PROPOSAL

Analysis and examinations TRNMT-NRF M002 model coded personal protective equipment; Respiratory Protective Devices EN 149:2001 +A1:2009- Filtered Half Masks for Protection Against Particles - Properties, Experiments and Marking standards are evaluated. It is recommended to be certified at the performance levels specified as a result of technical evaluations.

## 10. ATTACHMENTS

- Basic Health Safety Requirements
- Risk Assessment
- User Instruction

Reason for revision : Different color product has been added.

CONTROLLER : VOLKAN AKIN

SIGN :

DATE : 07.04.2021



Report No : 200-21-02-R01-01

Report Date : 08.04.2021

Application No : 200-21-02-R01-01

1. COMPANY INFORMATION:

TRN MODA TEKSTİL SAN. VE TİC. LTD. ŞTİ.

Selahaddin Eyyubi Mah. 1538. Sk. No: 32 İç Kapı No: 4 Esenyurt/ İSTANBUL

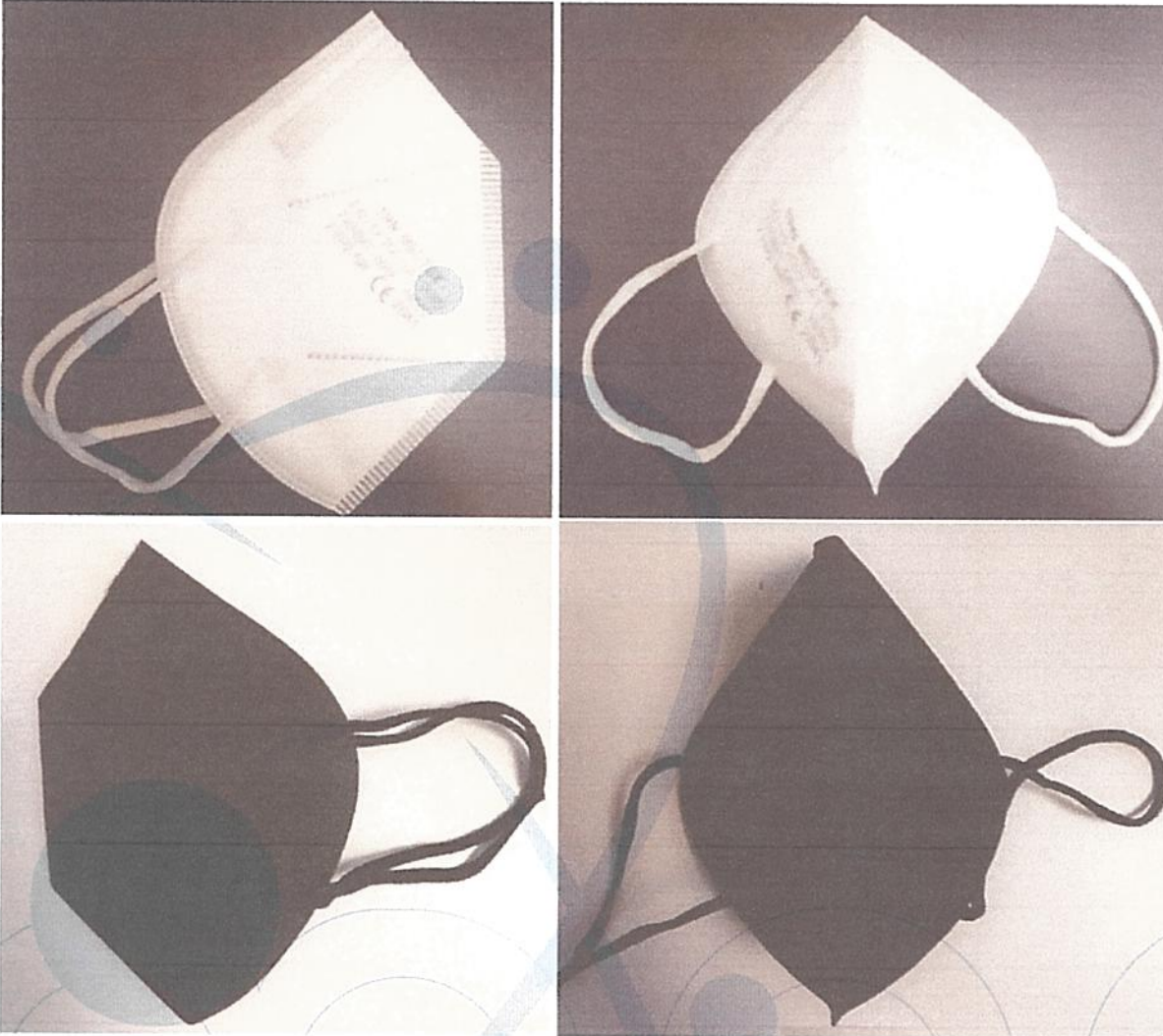
2. PPE INFORMATION:

Disposable and non-sterile half mask made of particulate protection filter material.

3. PPE TYPE IDENTIFICATION

EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles - Requirements, testing, marking

4. PPE PICTURES



TRNMT-NRF M002



**CONFORMITY TO TYPE BASED ON INTERNAL  
PRODUCTON CONTROL PLUS SUPERVISED PRODUCT  
CHECK AT RANDOM INTERVALS  
(MODULE C2, ANNEX VII) (200-21-02-R01-01)**

**5. PPE DIMENSIONS:**

TRNMT-NRF M002 model has been found to be produced using standard sizes.

**6. PPE PRODUCT MATERIAL INFORMATION:**

The mask is made of elastic strap, nonwoven fabric on the outer and inner layers and filter material on the middle layer.

**7. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS**

- A visual inspection was made according to EN 149:2001 +A1:2009 for ergonomics.
- Protection levels and degrees are defined by the manufacturer.
- Suitable construction materials were determined by visual inspection according to EN 149:2001 +A1:2009.

**8. ANALYSIS AND EVALUATIONS:**

EN 149:2001 +A1:2009

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Banned Azo Dyes	< 30 mg/kg				< 5 mg/kg	-	PASS
Part 7.3 Visual inspection	Shall also the marking and the information supplied by the manufacturer				Appropriate	-	PASS
Part 7.4 Packaging	Particle filtering half mask shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use.				Appropriate	-	PASS
Part 7.5 Material	When conditioned in accordance 8.3.1 & 8.3.2 the particle filter half mask shall not collapse.				Appropriate	-	PASS
Part 7.6 Cleaning and disinfecting	After cleaning and disinfecting the re-usable particle filtering half mask shall satisfy the penetration requirement of the relevant class.				Not applicable	-	Not applicable
Part 7.7 Practical performance	No negative comments should be made by the test subject regarding any of the criteria evaluated.				Appropriate	-	PASS
Part 7.8 Finish of parts	Parts of the device likely to come into contact with the wearer shall have no sharp edge or burrs.				Appropriate	-	PASS

**CONFORMITY TO TYPE BASED ON INTERNAL  
PRODUCTON CONTROL PLUS SUPERVISED PRODUCT  
CHECK AT RANDOM INTERVALS  
(MODULE C2, ANNEX VII) (200-21-02-R01-01)**

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.9.1 Total inward leakage	At least 46 out of the 50 individual exercise result	<25	<11	<5	See the table below	FFP2	PASS
	At least 8 out of the 10 individual wearer arithmetic means	<22	<8	<2	See the table below	FFP2	PASS

Total Inward Leakage (%)						
	Exercise 1	Exercise 2	Exercise 3	Exercise 4	Exercise 5	Average
Subject 1 (As recieved)	7.3	8.5	7.9	8.4	6.7	7.8
Subject 2 (As recieved)	7.9	5.5	6.0	6.7	6.6	6.5
Subject 3 (As recieved)	7.6	8.8	7.3	8.5	7.9	8.0
Subject 4 (As recieved)	7.5	8.2	8.0	8.5	8.8	8.2
Subject 5 (As recieved)	7.3	8.5	7.9	5.6	7.4	7.3
Subject 6 (After temperature conditioning)	7.6	7.9	6.1	6.7	8.9	7.4
Subject 7 (After temperature conditioning)	7.3	7.3	8.5	7.9	7.4	7.7
Subject 8 (After temperature conditioning)	7.3	8.5	7.9	7.9	7.6	7.8
Subject 9 (After temperature conditioning)	8.5	7.9	6.1	8.4	7.9	7.8
Subject 10 (After temperature conditioning)	6.1	8.4	5.6	7.4	8.4	7.2

**Subject facial dimensions**

Subject	Face Length (mm)	Face Width (mm)	Face Depth (mm)	Mouth Width (mm)
1	133	132	132	65
2	125	144	116	67
3	126	135	124	75
4	123	133	134	74
5	117	135	122	73
6	122	142	133	66
7	113	132	114	75
8	135	123	123	65
9	122	135	133	74
10	135	142	125	83

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.9.2 Penetration of filter material	Sodium chloride, 95 L/min %, max	% 20	% 6	% 1	See the table below	FFP2	PASS
	Paraffin oil, 95 L/min %, max	% 20	% 6	% 1	See the table below	FFP2	PASS



**CONFORMITY TO TYPE BASED ON INTERNAL  
PRODUCTON CONTROL PLUS SUPERVISED PRODUCT  
CHECK AT RANDOM INTERVALS  
(MODULE C2, ANNEX VII) (200-21-02-R01-01)**

Penetration of filter material	Sodium Chloride (%)	Paraffin Oil (%)
As recieved	3.9	4.2
As recieved	4.2	4.5
As recieved	4.2	4.4
After the simulated wearing treatment	4.2	4.4
After the simulated wearing treatment	4.1	4.6
After the simulated wearing treatment	4.2	4.5
Mechanical strength and temperature conditioning	5.7	5.2
Mechanical strength and temperature conditioning	5.5	5.8
Mechanical strength and temperature conditioning	5.3	5.5

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.10 Compatibility with skin	Materials shall not be known to be likely to cause irritation or any other adverse effect to health				Appropriate	-	PASS
Part 7.11 Flammibility	Mask shall not burn or not to continue to burn for more than 5 s				Flame not seen	-	PASS
Part 7.12 Carbondioxide content of the inhalation air	Shall not exceed an average of % 1				0,88 0,84 0,83	-	PASS
Part 7.13 Head harness	It can be donned and removed easily				Appropriate	-	PASS
Part 7.14 Field of vision	The field of vision shall acceptable in practical performance test.				Appropriate	-	PASS
Part 7.15 Exhalation valve(s)	It shall withstand axially a tensile force of 10 N apply for 10 s. If fitted, shall continue to operate correctly after a continuous exhalation flow of 300 L/min over a period of 30 s.				Not applicable	-	Not applicable

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.16 Breathing Resistance	Inhalation 30L/min	0,6 mbar	0,7 mbar	1,0 mbar	See the table below	FFP2	PASS
	Inhalation 95L/min	2,1 mbar	2,4 mbar	3,0 mbar	See the table below	FFP2	PASS
	Exhalation 160L/min	3,0 mbar	3,0 mbar	3,0 mbar	See the table below	FFP2	PASS



**CHECK AT RANDOM INTERVALS  
(MODULE C2, ANNEX VII) (200-21-02-R01-01)**

reathing Resistance (mbar)	Inhalation 30L/min	Inhalation 95L/min
As recieved	0,6	2,2
As recieved	0,6	2,2
As recieved	0,5	2,3
After temperature conditioning	0,5	2,3
After temperature conditioning	0,6	2,3
After temperature conditioning	0,5	2,2
After the simulated wearing treatment	0,5	2,3
After the simulated wearing treatment	0,6	2,3
After the simulated wearing treatment	0,6	2,3

Breathing Resistance 160L/min (mbar)	Facing directly ahead	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side
As recieved	2,8	2,8	2,8	2,7	2,8
As recieved	2,7	2,8	2,8	2,7	2,8
As recieved	2,7	2,8	2,8	2,7	2,8
After temperature conditioning	2,7	2,8	2,8	2,8	2,8
After temperature conditioning	2,8	2,8	2,8	2,8	2,8
After temperature conditioning	2,8	2,8	2,8	2,8	2,8
After the simulated wearing treatment	2,8	2,8	2,7	2,8	2,8
After the simulated wearing treatment	2,8	2,8	2,7	2,8	2,8
After the simulated wearing treatment	2,8	2,8	2,8	2,8	2,8

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.17 Clogging	After clogging the inhalation resistances shall not exceed. (valved)	4 mbar	5 mbar	7 mbar	Not applicable	-	Not applicable
	The exhalation resistance shall not exceed 3 mbar at 160 L/ min continuous flow. (valved)				Not applicable	-	Not applicable
	After clogging the inhalation and exhalation resistances shall not exceed. (valveless)	3 mbar	4 mbar	5 mbar	Not applicable	-	Not applicable
Part 7.18 Demountable part	All demountable parts (if fitted) shall be readily connected and secured were possible by hand.				Not applicable	-	Not applicable

**CONFORMITY TO TYPE BASED ON INTERNAL  
PRODUCTION CONTROL PLUS SUPERVISED PRODUCT  
CHECK AT RANDOM INTERVALS  
(MODULE C2, ANNEX VII) (200-21-02-R01-01)**

**9. DECISION**

Analysis and examinations TRNMT-NRF M002 model coded personal protective equipment; Respiratory Protective Devices EN 149:2001 +A1:2009- Filtered Half Masks for Protection Against Particles - Properties, Experiments and Marking standards are evaluated. The homogeneity of the production was monitored at the performance levels determined as a result of the technical evaluations made within the scope of MODULE C2.

**10. ATTACHMENTS**

- Basic Health Safety Requirements
- Risk Assessment
- Test Reports (M-2021-00621, M-2021-00620)
- User Instruction

**CONTROLLER** : VOLKAN AKIN

**SING** :

**DATE** : 08.04.2021