



INSTITUT GUMÁRENSKÉ TECHNOLOGIE A TESTOVÁNÍ, A.S.
RUBBER TECHNOLOGY AND TESTING INSTITUTE, Plc.
INSTITUT FÜR GUMMITECHNOLOGIE UND PRÜFWESEN, A.G.
A.O. «ИНСТИТУТ ТЕХНОЛОГИИ РЕЗИНЫ И ИСПЫТАНИЙ»

Společnost je zapsána v obchodním rejstříku vedeném Krajským soudem v Brně, oddíl B, vložka 818



PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kindam Mah.
Ankara-Kayseri Cad. No.2/1
40200 Kirsehir, TURKEY

E8*54R00/24*1794*02

Zlín 16th August 2022

**Communication concerning the approval and notification of approval number/
inspection report issued by Inspection body IGTT**

Tyre type fully complies requirements of ECE/UN R54.

Enclosed you will find the Communication concerning the approval of your tyres according to ECE/UN Regulation No. **54**

On the base of this approval you are entitled to produce in your factory tyres of the dimension:

235/65R16C STARMAXX PROVAN ST850 PLUS 115/113R

with the approval number : **E8*54R00/24*1794*02**
date of inspection: **16th August 2022**

jméno inspektora/ inspector's name: **Václav Hořelka**

Sincerely yours

Václav Hořelka

Head Of Tyre Approval Department
Head Of Inspection Body IGTT



Ministerstvo dopravy České republiky
Ministry of Transport of the Czech Republic
Nábřeží L. Svobody 12, CZ-110 15 Praha 1

OSVĚDČENÍ o ⁽¹⁾:

COMMUNICATION concerning ⁽¹⁾:



UDĚLENÍ HOMOLOGACE
ROZŠÍŘENÍ HOMOLOGACE
ZAMÍTNUTÍ HOMOLOGACE
ODEBRÁNÍ HOMOLOGACE
DEFINITIVNÍM UKONČENÍ VÝROBY

APPROVAL GRANTED
APPROVAL EXTENDED
APPROVAL REFUSED
APPROVAL WITHDRAWN
PRODUCTION DEFINITELY DISCONTINUED

Typu pneumatiky pro motorová vozidla podle Předpisu č. 54
Of a type of tyre for motor vehicles to Regulation No. 54

Homologace č.:

Approval No.: **E8*54R00/24*1794*02**

Rozšíření č.:

Extension No.: **II.**

- | | | | |
|--------|--|---|---|
| 1. | Název a adresa výrobce
Manufacturer's name and address | : | PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kindam Mah.
Ankara-Kayseri Cad. No.2/1
40200 Kirsehir, TURKEY |
| 2. | Označení typu pneumatiky ⁽²⁾
Tyre type designation ⁽²⁾ | : | |
| 2.1. | Značka(y) / obchodní značka(y)
Brand name(s) / trademark(s) | : | STARMAXX |
| 2.2. | Obchodní popis(y) / obchodní jméno(a)
Trade description(s) / Commercial name(s) | : | PROVAN ST850 PLUS |
| 3. | Název a adresa zástupce výrobce
(je-li potřebné)
If applicable, name and address of
manufacturer's representative | : | -
N/A |
| 4. | Souhrnný popis
Sumarized description | : | |
| 4.1. | Označení rozměru pláště
Tyre size designation | : | 235/65R16C |
| 4.2. | Kategorie užití
Category of use | : | normální / zimní / speciální ⁽¹⁾
normal / snow / special ⁽¹⁾ |
| 4.3. | Konstrukce
Structure | : | diagonální / radiální ⁽¹⁾
diagonal / radial ⁽¹⁾ |
| 4.4. | Třída pneumatiky
Tyre class | : | C2 / C3 ⁽¹⁾ |
| 4.5. | Kategorie rychlosti
Speed category symbol | : | |
| 4.5.1. | Nominální
Nominal | : | R |
| 4.5.2. | Doplňková (je-li potřebné)
Additional (if applicable) | : | N/A |



- 4.6. Indexy nosnosti
Load capacity index
- 4.6.1. Odpovídající nominální rychlosti : v jednomontáži 115 ve dvojmontáži 113
Corresponding to nominal speed : single twinned (dual)
- 4.6.2. Odpovídající doplňkové rychlosti : v jednomontáži - ve dvojmontáži -
Corresponding to additional speed : single N/A twinned (dual) N/A

5. Homologační zkušebna a případně zkušební laboratoř schválená pro účely homologace nebo pro ověřování shodnosti :
Technical service and where applicable, test laboratory additional approved purposes of approval or of verification of conformity :

8/E:
IGTT a. s. - Institut gumárenské technologie a testování
Rubber Technology and Testing Institute, Šternberská 446, Louky, 763 02 ZLÍN, CZECH REPUBLIC

6. Datum protokolu, vydaného touto zkušebnou :
Date of report issued by that service : 06.07.2022

7. Číslo protokolu, vydaného touto zkušebnou :
Number of report issued by that service : D022-1478

8. Důvod pro rozšíření (je-li potřebné) :
Reason (s) of extension (if applicable) : Změna konstrukce v běhounu
Tread construction changed

9. Poznámky :
Any remarks : -

10. Místo :
Place : Praha
Prague

11. Datum :
Date : 16.08.2022

12. Podpis :
Signature : 
Václav Hořelka

13. K osvědčení je přiložen seznam dokumentů obsažených v homologačních podkladech uložených u homologačního orgánu, který udělil homologaci, a které lze obdržet na vyžádání.

Annexed to this communication is a list of documents in the approval file deposited at the Approval Authority which has considered this approval and which can be obtained upon request.

Seznam dokumentů
List of documents

- Žádost o rozšíření homologace / Request for extension
- Kótovaný profil pneumatiky / Dimensioned tyre cross-section
- Výkresy bočnice a běhounu pláště / Drawing of the tyre sidewalls and tread
- Prohlášení výrobce / Manufacturer's declaration
- Protokol o zkoušce dle bodu 7. / The test report as mentioned in item 7.



- (1) Nehodící se škrtněte
Delete that which does not apply
- (2) Seznam značek / ochranných známek nebo obchodních popisů / obchodních názvů může být přílohou k tomuto osvědčení
A list of brand name(s)/trademark(s) or trade description(s)/commercial name(s) may be annexed to this communication

E8 001794

Date : 1.08.2022

Petlas Ref. No : 230/100/022

Subject : DECLARATION
Concern : Mr. Vaclav Horelka
Tyre Approval Department Head
IGTT ZLIN

To whom it may concern;

The tread construction will be upgraded in order to improve tyre performance for the the tyre sizes in the table below. (From 2 POLYESTER + 2 STEEL + 1 NYLON to 2 POLYESTER + 2 STEEL + 2 NYLON).The 235/65 R16 C FULLPOWER PT825 Plus TL 121/119 R is selected as a worst case due to highest load index and tested according to the ECE R54 and it still fulfills the all requirements.

We declare that the worst case tyre performance represents the all upgraded tyres performance and all ECE R54 certificates for these tyres can be extended according to the worst case tyre test report.

BRAND	SIZE	ECE R54 APPROVAL NUMBER
PETLAS	235/65 R16 C FULLPOWER PT825 Plus TL 115/113 R 8PR	E8 001793
STARMAXX	235/65 R16 C PROVAN ST850 Plus TL 115/113 R 8PR	E8 001794
PETLAS	235/65 R16 C FULLPOWER PT825 Plus TL 121/119 R 12PR	E8 002871
STARMAXX	235/65 R16 C PROVAN ST850 Plus TL 121/119 R 12PR	E8 002870
PETLAS	235/65 R16 C FULLPOWER PT835 TL 115/113 R 8PR	E8 002127
STARMAXX	235/65 R16 C PROVAN ST860 TL 115/113 R 8PR	E8 002128
PETLAS	235/65 R16 C FULLPOWER PT835 TL 121/119 R 12PR	E8 002361
STARMAXX	235/65 R16 C PROVAN ST860 TL 121/119 R 12PR	E8 002362
PETLAS	235/65 R16 C ADVENTE PT875 TL 115/113 R 8PR	E8 001872
STARMAXX	235/65 R16 C PROTERRA ST900 TL 115/113 R 8PR	E8 001873
PETLAS	235/65 R16 C FULLGRIP PT925 TL 115/113 R 8PR	E8 001826
STARMAXX	235/65 R16 C PROWIN ST950 TL 115/113 R 8PR	E8 001827
PETLAS	235/65 R16 C FULLGRIP PT935 TL 115/113 R 8PR	E8 002001
STARMAXX	235/65 R16 C PROWIN ST960 TL 115/113 R 8PR	E8 002003
PETLAS	235/65 R16 C FULLGRIP PT935 TL 121/119 R 12PR	E8 002002
STARMAXX	235/65 R16 C PROWIN ST960 TL 121/119 R 12PR	E8 002004
PETLAS	235/65 R16 C FULLGRIP PT945 TL 121/119 R 12PR	E8 002375
STARMAXX	235/65 R16 C PROWIN ST970 TL 121/119 R 12PR	E8 002378

Erdin ONAT
R&D Manager

PETLAS Lastik Sanayi ve Ticaret A.Ş.

Kindam Mah. Ankara-Kayseri Cad. No:2/1 KIRŞEHİR Tel: (0386) 252 65 50 Fax: (0386) 252 65 70

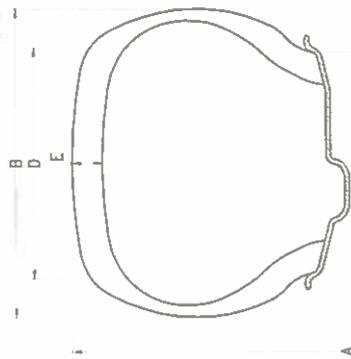
iletisim@petlas.com.tr

petlas Bir Abdulkadir Özcan A.Ş. Kuruluşudur.

137-F-178-02

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763 02 Zlín, Czech Republic
IČ/DI: 46900080 DIČ/VAT: C246900080





SERIAL SIDE

NON SERIAL SIDE

IBTT a.s.
 homologace pneumatik
 Střembaroků 446, Louky
 766 02 Zlín, Czech Republic
 IČ/O: 46800004, DIČ/VAT: CZ468000080



23

R	235/65R16C	115/113	X	712	240	7.0	191	10.5	001794	020131	52WR
R	235/65R16C	115/113	X	712	240	7.0	191	10.5	001794	020131	52WR
	WE SHIF (SPEED CAT)	NEW APPROX. INDEX (LOAD CAP. 300 X)	TP (TYPE)	A	B	C	D	E	ONLY NO. APPROVAL NO. (E)	ONLY NO. APPROVAL NO. (E)	AGRI/AMA (REMARK)
	LASTIC EBAN (LINE SIZE)	CLASIFIC. (SUBTYPE)	USKESK (TABLETS)	mm	mm	mm	mm	mm	mm	mm	mm

DOT DESIGN (READ PATTERN)	ProVen ST850 PLUS	RESM NO. (DRAWING NO.)	TARH (DATE)	CONTROL (CHECKED)
SHIF (READ)	2 POLYESTER + 2 STEEL + 2 IMPLON	PK4-12131A	02.08.2022	
WEAK (SERIAL)	2 POLYESTER			



TYPE APPROVAL TEST REPORT

REPORT NO: D022-1478

TYRE SPECIFICATION

Manufacturer Name	: PETLAS TIRE INDUSTRY AND TRADE CO.	Speed Category Symbol	: R
Manufacturer Address	: KINDAM MAH.ANKARA KAYSERI CAD. NO 2/1 KIRŞEHİR / TURKEY	Additional Load/Speed	: N/A
Brand	: PETLAS	Category of Use	: NORMAL
Pattern Name	: FULLPOWER PT825 PLUS	TT/TL	: TL
Product Code	: 42093	Date of Manufacture	: 2622
Size Designation	: 235/65 R16 C	Barcode Number	: 80154655
Load Capacity Index	: 121/119	Approval Number	: E8 002871

TEST AND EQUIPMENT SPECIFICATION

Test Tyre Receiving Date	: 1.07.2022
Test Date	: 4.07.2022
Reference Regulation	: UNECE Regulation 54 00
Petlas Test Code	: 5500
The Tests Conducted	: 1 - Marking Control <input checked="" type="checkbox"/> 2 - Dimensions Measurement <input checked="" type="checkbox"/> 3 - Load/Speed <input checked="" type="checkbox"/>
Test Machine Name (Drum Diameter)	: ASM-2 (1 707 m)
Pressure Gauge Calibration No	: 2214798
Calliper Calibration No	: 2213858
Tape Measure Calibration No	: 2213870
Test Rim	: 7.0JX16
Test Technician	: M.Y.

CUSTOMER INFORMATION

Name	: Same as Manufacturer
Address	: Same as Manufacturer

TYRE VISUAL INSPECTION RESULT BEFORE TEST

Tyre was inspected and any evidence of failure was not detected.

Controlled by;

AYHAN UMUCU
Tyre Test Engineer
05.07.2022



Page 1 of 2

Approved by;

EKREM TURNA
Tyre Testing Laboratory Team Leader
06.07.2022

IGTT a.s.

homologace pneumatik
Stemperska 448, Louky
763 02 Zlín, Czech Republic

C/O: 46900080 DIČ/VAT: CZ46900080



NUMBER: 317-F-046-00

23



TYPE APPROVAL TEST REPORT

REPORT NO: D022-1478

TEST 1 - MARKING CONTROL

Trade name or Mark	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
Commercial/Pattern Name Marking	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
Tyre Size Designation Marking	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
Tyre Structure Marking	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
Speed Category Symbol Marking	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
Load Capacity Index Marking	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
"FRT"	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
"Regroovable"	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
"M+S" marking in case of "Snow" or "Special Use" tire	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
"POR" or "ET" marking in case of Special Use Tire	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
"TUBELESS" markig in case of without inner tube use	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
Date of Manufacture	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
Approval Number Marking	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>

RESULT : The tire markings are fulfill the reference regulation requirements.

TEST 2 - DIMENSIONS MEASUREMENT

Conditioning	: 24 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 575
Overall Widht Measurements (mm)	: 238,1 / 238,1 / 237,6 / 237,9 / 237,5 / 237,9
Maximum Circumference (mm)	: 2241

PARAMETERS	LIMIT VALUES (mm)	MEASURED VALUES (mm)
Nominal Overall Width-S	240,0	238,1
Maximum Overall Width-Smax	250,0	
Nominal Outer Diameter-D	712,0	713,3
Minimum Outer Diameter-Dmin	703,0	
Maximum Outer Diameter-Dmax	725,0	

RESULT : The dimensions are fulfill the reference regulation requirements.

TEST 3 - LOAD / SPEED TEST

Conditioning	: 3 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 575

Test Procedure

Date/Time	Test Step No	Duration (min.)	Test Load (kg)	Test Speed (km/h)	Control
4.7.2022 08:41	0	0	0	0	M.Y.
	1	10	1305	0-150	
	2	10	1305	150	
	3	10	1305	160	
4.7.2022 09:41	4	30	1305	170	M.Y.

RESULT : Tire completed the load/speed test without any failure.

FINAL RESULT: THE TYRE PASSED ALL TESTS ACCORDING TO THE REFERENCE REGULATION

PASSED

Controlled by:

AYHAN UMUCU
Tyre Test Engineer
05.07.2022



Approved by:

EKREM TURNA
Tyre Testing Laboratory Team Leader
06.07.2022