



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*3139*00

Zlín 26th May 2022

Communication concerning the approval and notification of approval number – inspection report

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 :

385/65R22.5 PETLAS SH110 PROGREEN 164K

with the approval number : **E8*54R00/24*3139*00**
date of inspection : **26th May 2022**

Sincerely yours,



Václav Hořelka
Head Of Tyre Approval Department
Head Of Inspection Body HS440

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~~APPROVAL WITHDRAWN~~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*3139*00**

Rozšíření č.:

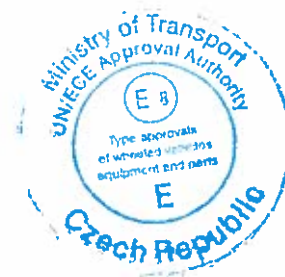
-

Extension No.:

N/A

- | | | | |
|--------|--|---|---|
| 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) | : | PETLAS |
| 2.2. | Obchodní popis(y) / obchodní jméno(a)
Trade description(s) / Commercial name(s) | : | SH110 PROGREEN |
| 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 | : | 385/65R22.5 |
| 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 | : | G2 / C3⁽¹⁾ |
| 4.5. | Kategorie rychlosti
Speed category symbol | : | |
| 4.5.1. | Nominální
Nominal | : | K |
| 4.5.2. | Doplňková (je-li potřebné)
Additional (if applicable) | : | - |



- 4.6. Indexy nosnosti
Load capacity index
- 4.6.1. Odpovídající nominální rychlosti : v jednomontáži 164 ve dvojmontáži -
Corresponding to nominal speed : single twinned (dual)
- 4.6.2. Odpovídající doplňkové rychlosti : v jednomontáži - ve dvojmontáži -
Corresponding to additional speed : single twinned (dual)
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 :
6. Datum protokolu, vydaného touto zkušebnou :
Date of report issued by that service : 24.05.2022
7. Číslo protokolu, vydaného touto zkušebnou :
Number of report issued by that service : D022-1015
8. Důvod pro rozšíření (je-li potřebné) :
Reason (s) of extension (if applicable) : -
9. Poznámky :
Any remarks : -
10. Místo :
Place : Praha
11. Datum :
Date : 26.05.2022
12. Podpis :
Signature : Václav Hořelka



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

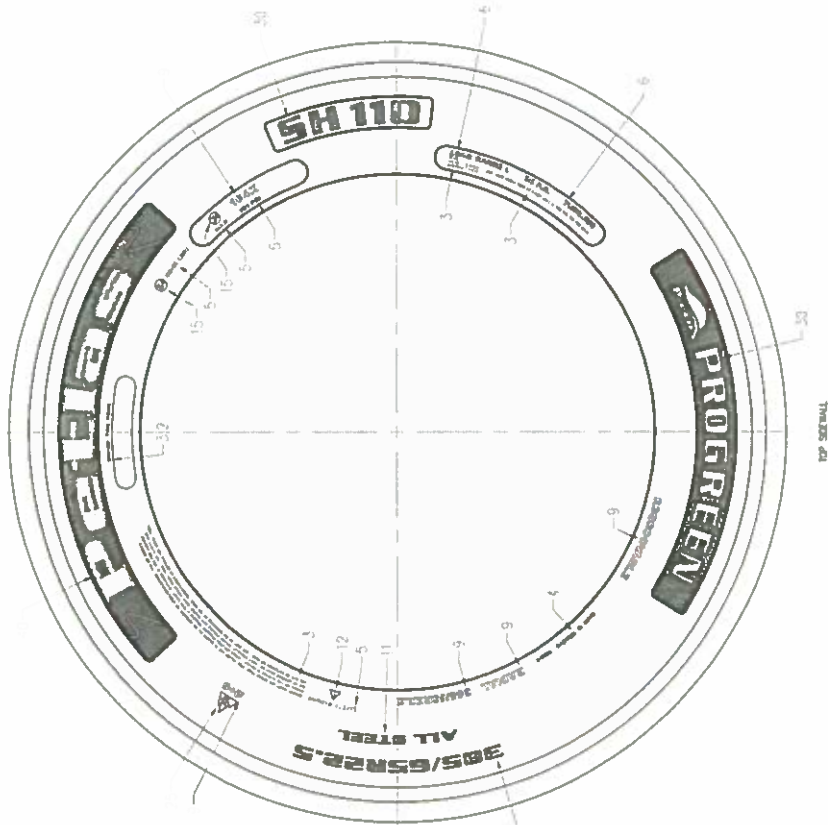
- Žádost o udělení homologaci / Request for approval
- Kótovaný profil pneumatiky / Dimensioned tyre cross-section
- Výkresy bočnice a běhounu pláště / Drawing of the tyre sidewalls and tread
- Protokol o zkoušce dle bodu 7. / The test report as mentioned in item 7.

- (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

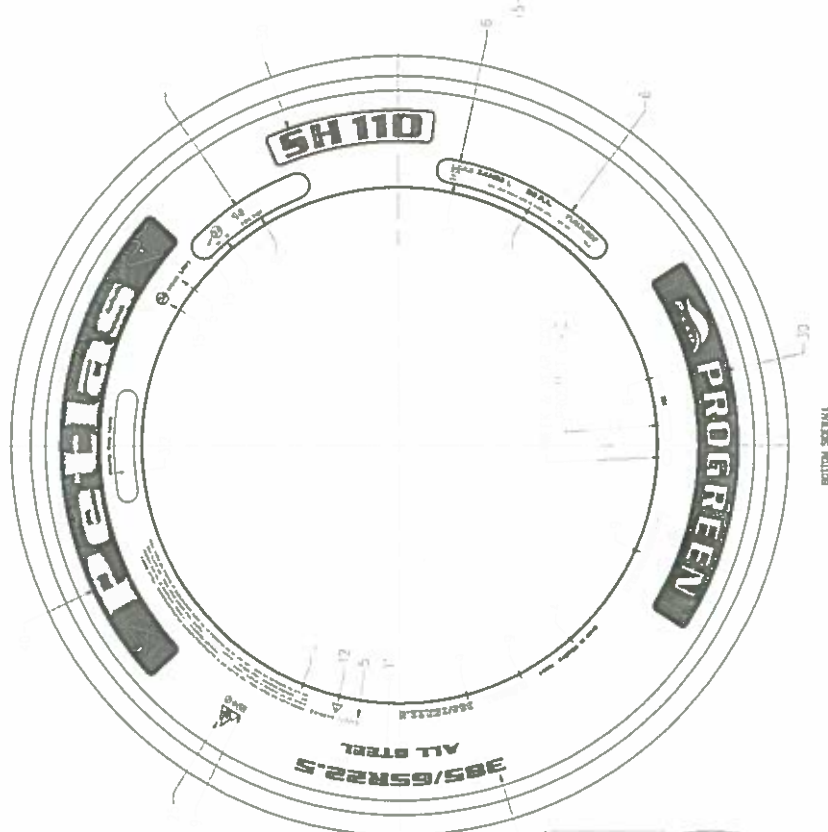
APPLICATION FOR APPROVAL ECE No. 54

4.1.1	Tyre-size designation	: 385/65 R22,5	
4.1.2	The manufacturer's name	: PETLAS TIRE INDUSTRY AND TRADE COMPANY	
4.1.2.1	The Brand name(s)/trademark(s)	: PETLAS	
4.1.2.2	The trade description(s)/commercial name(s)	: SH110 PROGREEN	
4.1.3	Category of use (normal/special/snow)	: SNOW	
4.1.3.1	For the tyres belonging to the category of use "special use tyre" those which may bear the inscription M+S or M.S or M&S	: YES	
4.1.4	Structure (diagonal(bias ply)/radial)	: RADIAL	
4.1.5	Speed category	: K	
4.1.6	The load-capacity indexes	: 164	
4.1.7	Tube type / Tubeless	: TUBELESS	
4.1.8	Overall section width,	: 389	mm
	Outer diameter	: 1072	mm
4.1.9	Factor X	: 0.75	
4.1.10	The rims on which the tyre can be mounted	: 11.75; 12.25	inch
4.1.11	The measuring rim and test rim	: 11.75	inch
4.1.12	The inflation pressure for the dimension measurement and for the load/speed endurance test pressure	: 900	kPa
4.1.13	The additional load/speed combinations	: NA	

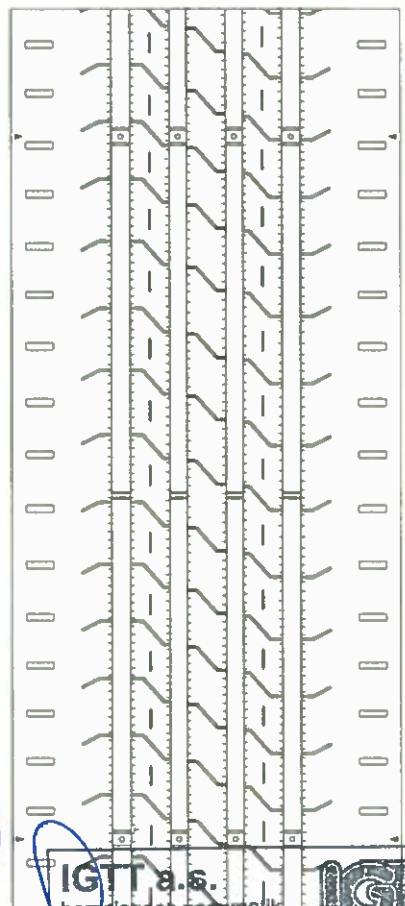
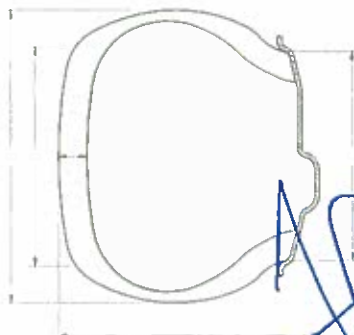




THREE 2/3



THREE ROLLER



ITEM NO.	DESCRIPTION	QTY	UNIT	REMARKS
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TYPE APPROVAL TEST REPORT

REPORT NO: D022-1015

TYRE SPECIFICATION

Manufacturer Name	: PETLAS TIRE INDUSTRY AND TRADE CO	Speed Category Symbol	: K
Manufacturer Address	: KINDAM MAH.ANKARA KAYSERI CAD. NO 2/1 KIRŞEHİR / TURKEY	Additional Load/Speed	: NA
Brand	: PETLAS	Category of Use	: SNOW
Pattern Name	: SH110 PROGREEN	TT/TL	: TL
Product Code	: 72314	Date of Manufacture	: 1922
Size Designation	: 385/65 R22.5	Barcode Number	: 76997053
Load Capacity Index	: 164	Approval Number	: E8 003139

TEST AND EQUIPMENT SPECIFICATION

Test Tyre Receiving Date	: 13.05.2022
Test Date	: 16.05.2022 - 18.05.2022
Reference Regulation	: UNECE Regulation 54
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-4 (1.707 m)
Pressure Gauge Calibration No	: 2214798
Caliper Calibration No	: 2213858
Tape Measure Calibration No	: 2213870
Test Rim	: 11.75X22.5
Test Technician	: A.G - F.Ş.

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
23.05.2022



Approved by;

EKREM TURNA
Tyre Testing Laboratory Chief
24.05.2022

IGTT a.s.
homologace pneumatik
Stierberská 446, Louky
763 02 Zlín, Czech Republic
IČ/D: 46390080 DIČ/VAT: CZ46900080

FORM NUMBER: SH-F-146-00

IGTT

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TYPE APPROVAL TEST REPORT

REPORT NO: D022-1015

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 checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
"M+S" marking in case of "Snow" or "Special Use" tire	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input 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)	: 900
Overall Width Measurements (mm)	: 373,7 / 373,4 / 373,9 / 373,6 / 373,6 / 374,1
Maximum Circumference (mm)	: 3338

PARAMETERS	LIMIT VALUES (mm)	MEASURED VALUES (mm)
Nominal Overall Width-S	389,0	374,1
Maximum Overall Width-Smax	405,0	
Nominal Outer Diameter-D	1072,0	1062,5
Minimum Outer Diameter-Dmin	1057,0	
Maximum Outer Diameter-Dmax	1102,0	

RESULT: The dimensions are fulfill the reference regulation requirements.

TEST 3 - LOAD / SPEED TEST

Conditioning	: 3 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 900

Test Procedure

Date/Time	Test Step No	Duration (hour)	Test Load (kg)	Test Speed (km/h)	Control
16.5.2022 09:01	0	0	0	0	A.G.
	1	7	3300	56	
	2	16	4200	56	
18.5.2022 08:01	3	24	5050	56	F.Ş.

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
23.05.2022



Approved by:

EKREM TURNA
Tyre Testing Laboratory Chief
24.05.2022