



INSTITUT GUMÁRENSKÉ TECHNOLOGIE A TESTOVÁNÍ, A.S.
RUBBER TECHNOLOGY AND TESTING INSTITUTE, Plc.
INSTITUT FÜR GUMMITECNOLOGIE 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



Zlín 30th August 2024

E8*54R00/26*3566*00

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

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

Tyre type fully complies requirements of ECE/UN R54.

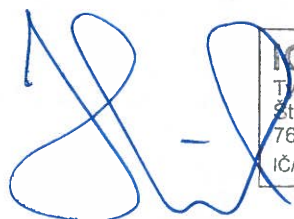
Enclosed you will find the Communication concerning the approval of your tyres according to ECE/UN Regulation No. 54

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

385/65R22.5 PETLAS NZ310 164K (158L)

with the approval number : **E8 003566**
date of inspection : **30th August 2024**
inspector's name : **Václav Hořelka**

Sincerely yours,


IGTT a.s.
Tyre Approval Department
Šternberská 446, Louky
763 02 Zlín, Czech Republic
IČ/ID: 46900080 DIČ/VAT: CZ46900080 

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, 110 15 Praha 1, Czech Republic

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APPROVAL WITHDRAWN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 pneumatic tyre for motor vehicles pursuant to UN Regulation No. 54

Homologace č.:

Approval No.: **E8*54R00/26*3566*00**

Rozšíření č.:

Extension No.: **N/A**

- | | | | |
|--------|--|---|---|
| 1. | Jméno 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) | : | NZ310 |
| 3. | Název a adresa zástupce výrobce
(je-li potřebné)
If applicable, name and address of
manufacturer's representative | : | N/A |
| 4. | Souhrnný popis
Summarized 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 | : | C2 / 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) | : | L |

4.6. Indexy nosnosti
Load capacity index

4.6.1.	Odpovídající nominální rychlosti Corresponding to nominal speed	:	v jednomontáži single	164	ve dvojmontáži twinned (dual)	N/A
4.6.2.	Odpovídající doplňkové rychlosti Corresponding to additional speed	:	v jednomontáži single	158	ve dvojmontáži twinned (dual)	N/A

5. Technická zkušebna a případně
zkušební laboratoř schválená pro
účely schvalování nebo pro ověřování
shodnosti : **8/E:**
Technical service and where
applicable, test laboratory additional
approved purposes of approval or of
verification of conformity : **IGTT a.s.**
Šternberská 446, Louky,
763 02 Zlín,
CZECH REPUBLIC

6. Datum protokolu, vydaného touto
zkušebnou :
Date of report issued by that service : **01.08.2024**

7. Číslo protokolu, vydaného touto
zkušebnou :
Number of report issued by that service : **D024-1610**

8. Důvod pro rozšíření (je-li potřebné)
Reason (s) of extension (if applicable) : **N/A**

9. Poznámky
Any remarks : **N/A**

10. Místo
Place : **Praha**
: **Prague**

11. Datum
Date :
Elektronický podpis: 30.8.2024
Certifikát autora podpisu:
Iměno: Ing. Bc. Ivan Novák
Vydal: PostSignum Qualified CA 4
Platnost do: 25.2.2026 11:49 +01:00

12. Podpis
Signature :

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 příložených dokumentů / List of attached documents

- Žádost o udělení homologace / 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

E8 003566

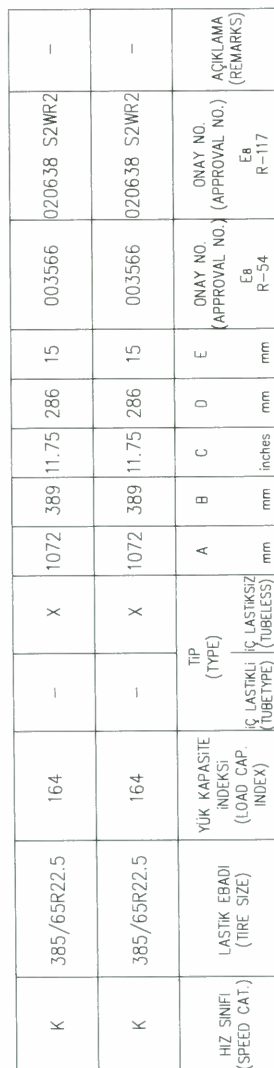
APPLICATION FOR APPROVAL ECE No. 54 - E8 003566

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)	: NZ310	
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	: 0.70	
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	: 158 L	

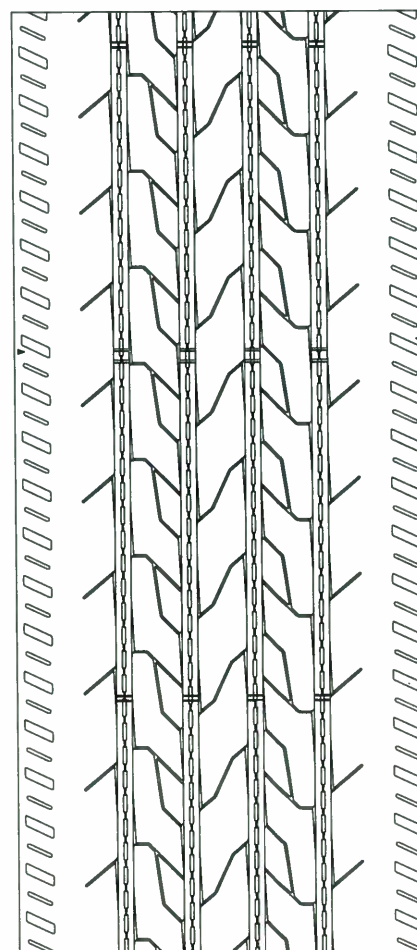
**IGTT a.s.**Tyre Approval Department
Sternberská 446, Louky
763 02 Zlín, Czech Republic

IČ/D: 46900080 DIČ/VAT: CZ46900080





SIRT DESEN (TREAD PATTERN) : NZ310 SIRT (TREAD) : 5 STEEL YANAK (SIDEWALL) : 1 STEEL	RESIM. NO. (DRAWING NO.) PKT-13363	TARIH (DATE) 19.08.2024	KONTROL (CHECKED)	
			BARS D/C	BARAN ISO
				



IČ/ID: 46900080 DIČ/VAT: CZ46900080

IGT



PETLAS LASTİK DENEY LABORATUVARI

Kındam Mh. Ankara - Kayseri Cd. No: 2/1

40100 Merkez / KIRŞEHİR

Deney Raporu Test Report



Test TS EN ISO/IEC 17025 AB-1922-T
AB-1922-T
D024-1610
07-24

Müşterinin Adı/Adresi
Customer Name/Address

: PETLAS LASTİK SANAYİ ve TİCARET A.Ş. / Kındam Mahallesi Ankara-
Kayseri Cad. No:2/1 KIRŞEHİR - TÜRKİYE

Laboratuvar İşlem Numarası
Laboratory Order No.

: N024-3993

Numunenin Adı Tarifi ve Durumu
Name, identity and condition of test item

: PETLAS 385/65 R22,5 NZ310 TL 164 K LASTİĞİ
PETLAS 385/65 R22,5 NZ310 TL 164 K TYRE

Numunenin Kabul Tarihi
The Date of Receipt of Analysis Item

: 24.07.2024

Açıklamalar
Remarks

: -

Testin Yapıldığı Tarih
Date of Test

: 30.07.2024

Raporun Sayfa Sayısı
Number of Pages of the Report

: 4

Deney laboratuvarı olarak faaliyet gösteren PETLAS LASTİK DENEY LABORATUVARI, TÜRKAK'tan AB-1922-T ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir.

PETLAS LASTİK DENEY LABORATUVARI accredited by TÜRKAK under registration number AB-1922-T for TS EN ISO/IEC 17025:2017 as test laboratory.

Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği(EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.

Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports

Deney ve /veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metotları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Analiz sonuçları yalnızca testi yapılan numunelerle ilgilidir. The results are related only to the items tested.

Numuneler müşteri tarafından alınarak laboratuvara teslim edilmiştir. The samples were taken by the customer and delivered to the laboratory.

Mühür/Kaşe Seal	Deney Sorumlusu&Rapor Hazırlayan / Tarih Person in charge of test & Prepared By / Date	Kontrol Eden / Tarih Check/ Date	Onaylayan/ Tarih Approval/ Date
 Yayınlanma Tarihi / Issue Date 01.08.2024	KADİR KARADENİZ 01.08.2024 Lastik Deney Süpervizörü Tyre Test Supervisor	EKREM TURNA 1/8/24 Lastik Deney Şefi Tyre Test Chief	EKREM TURNA 1/8/24 Lastik Deney Şefi Tyre Test Chief

Tel: +90 386 252 65 50 Faks: +90 386 252 65 70 <http://www.petlas.com.tr> lastik.deny@petlas.com.tr

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir.
This report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid.

IGTT a.s.

Tyre Approval Department
Šternberská 446, Louky
763 02 Zlín, Czech Republic

İÇ/ID: 46900030 DIŞ/VAT: CZ46900030





TYPE APPROVAL TEST REPORT

REPORT NO: D024-1610

TYRE SPECIFICATION

Manufacturer Name	: PETLAS TIRE INDUSTRY AND TRADE CO.	Speed Category Symbol	: K
Manufacturer Address	: KINDAM MAH. ANKARA KAYSERİ CAD. NO 2/1 KIRŞEHİR / TURKEY	Reinforced/Normal	: N/A
Brand	: PETLAS	Category of Use	: SNOW
Pattern Name	: NZ310	TT/TL	: TL
Product Code	: 72310	Date of Manufacture	: 3024
Size Designation	: 385/65 R22.5	Barcode Number	: 00245008
Load Capacity Index	: 164	Approval Number	: E8 003568

TEST AND EQUIPMENT SPECIFICATION

Test Tyre Receiving Date	: 24.07.2024
Test Date	: 30.07.2024
Reference Regulation	: UNECE Regulation 54
Petlas Test Code	: 5500
The Tests Conducted	: 1 - Marking Control ☒ 2 - Dimensions Measurement ☒ 3 - Load/Speed ☒
Test Machine Name (Drum Diameter)	: ASM-3 (1.707 m)
Pressure Gauge Calibration No	: 2413598
Caliper Calibration No	: 2410835
Tape Measure Calibration No	: 2410783
Test Rim	: 11,75JX22,5
Test Technician	: Y E O

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.

Remarks:



TYPE APPROVAL TEST REPORT

REPORT NO: D024-1610

TEST 1 - MARKING CONTROL

Trade name or Mark	YES ☒	NO ☐	N/A ☐
Commercial/Pattern Name Marking	YES ☒	NO ☐	N/A ☐
Tyre Size Designation Marking	YES ☒	NO ☐	N/A ☐
Tyre Structure Marking	YES ☒	NO ☐	N/A ☐
Speed Category Symbol Marking	YES ☒	NO ☐	N/A ☐
Load Capacity Index Marking	YES ☒	NO ☐	N/A ☐
"TRACTION" marking in case of tire	YES ☐	NO ☐	N/A ☒
"Regroovable"	YES ☒	NO ☐	N/A ☐
"M+S" marking in case of "Snow" or "Special Use" tire	YES ☒	NO ☐	N/A ☐
"MPT" marking in case of Special Use Tire	YES ☐	NO ☐	N/A ☒
"TUBELESS" marking in case of without inner tube use	YES ☒	NO ☐	N/A ☐
Date of Manufacture	YES ☒	NO ☐	N/A ☐
Approval Number Marking	YES ☒	NO ☐	N/A ☐
"ERS" Marking	YES ☐	NO ☐	N/A ☒

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

TEST 2 - DIMENSIONS MEASUREMENT

Conditioning	: 3 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 900
Overall Width Measurements (mm)	: 373 / 373 / 374 / 373 / 372 / 372
Maximum Circumference (mm)	: 3377

PARAMETERS	LIMIT VALUES (mm)	MEASURED VALUES (mm)
Nominal Overall Width-S	397,0	373,7
Maximum Overall Width-Smax	413,0	
Nominal Outer Diameter-D	1072,0	1074,9
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
4.8.2024 17:45	0	0	0	0	F.S.
	1	7	3300	56	S.O.
	2	23	4200	56	F.S.
6.08.2024 16:45	3	47	5050	56	F.S.

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

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

Remarks:

Deney Metodu
Test method

ECE R54 - Annex 6 - Boyutsal Ölçüm , ECE R54 - Annex 7 Yük/Hız Performans Deneyi
: ECE R54 - Annex6 - Dimensional Measurement , ECE R54 - Annex 7 Load/Speed Performance Test

Deney Sonuçları
Test Results

Deney Sonuçları Sayfa 3'te yer almaktadır.
: Test Results is included on page 3.

Çevre şartları:
Environmental conditions

: 25 ± 5 °C

Ölçüm belirsizliği (k=2 %95 güven aralığı):
Measurement uncertainty (k=2 95% confidence interval)

: -

Ölçüm sonuçlarının şartnamelere veya standartlara uygunluk beyanı
Conformity with requirements or specifications:

: -

Feragat beyanı
Disclaimer

: -

Karar Kuralı
Decision Rule:

: -

Analiz yönteminden eklemeler, çıkarmalar ve sapmalar

: -

Açıklamalar
Remarks

: -

* İşaretle gösterilen analiz metodları, Akreditasyon kapsamı dışındadır.
* Analysis methods indicated by the mark is outside the scope of accreditation.

Dış tedarikçi laboratuvar kullanılmamaktadır.
External supplier laboratories are not used.

Tel: +90 386 252 65 50 Faks: +90 386 252 65 70 <http://www.petlas.com.tr> lastik.deney@petlas.com.tr

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz, imzasız ve mühürlü raporlar geçerlidir.
This report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid.