

Statement manufacturer and authorization regarding application

This statement must only be sent with new "00" applications. This applies to both the statements that the application has not been submitted to another authority and the authorization of the applicant. If the authorized party is changed in the meantime (i.e. in case of an extension or correction request), this declaration must be filled in again.

Liu Junzhao

1 **EC & UNECE type-approval number** : E4*54R00/24*51729*00

2 ☒ **Manufacturer/** ☐ **Manufacturer's representative** ⁽¹⁾

3 **Company name** : Shandong Jinyu Tire Co., Ltd.

4 **Name authorized person** : Liu Junzhao

5 **Job title** : Minister of quality Management

6 **E-mail address** : liujz@jinyutyres.com

7 **Address manufacturer** : No. 260 Qingken Road, Dawang Town, Guangrao County, Dongying City, 257335, Shandong Province, China (PRC)

8 **Country** : China

9 **Statement**

- 10 **Hereby** : Liu Junzhao ,
11 **declares on behalf of**
12 **the manufacturer** : Shandong Jinyu Tire Co., Ltd. ,
13 **for the application with**
14 **type-approval number** : E4*54R00/24*51729*00 ,
15 **the following:**
16 a) the manufacturer has not applied for an EC & UNECE type-approval for the same type to any other approval
17 authority, and no other approval authority granted the manufacturer such an approval;
18 b) no approval authority has refused to grant type-approval of that type;
19 c) no approval authority has withdrawn type-approval of that type;
20 d) the manufacturer has not revoked an application for a type-approval of that type.

18 **Authorization regarding handling of this application (if applicable)** ⁽²⁾

19 **Company name** : TÜV Rheinland Kraftfahrt GmbH

20 **E-mail address** : Xin.Liu@tuv.com

21 **Address** : Typprüfstelle Fahrzeuge/Fahrzeugteile, Am Grauen Stein, 51105 Köln

22 **Country** : Germany

23 **Authorization**

- 24 **By means of this**
25 **declaration, I** : Liu Junzhao ,
26 **on behalf of** : Shandong Jinyu Tire Co., Ltd. ,
27 **authorizes** : TÜV Rheinland / CCIC (Qingdao) Co., Ltd. ,
28 **to respectively apply for a type-approval with type-approval number:**
29 **E4*54R00/24*51729*00** ,
30 **handle all communication concerning this application and receive the type-approval certificate.**

29 **Date** **Place** **Name:**

30 September 22, 2022. Dongying, China Shandong Jinyu Tire Co., Ltd.

31 On their behalf, signature : *Liu Junzhao*

32 Name : Liu Junzhao

⁽¹⁾ Mark the specific checkbox.

⁽²⁾ This authorization only concerns the application procedure and all activities that are directly or indirectly related to this procedure. If and insofar as other procedures, including the lodging of objections, are deemed necessary, a new authorization must be submitted in respect of that specific procedure.

THE NETHERLANDS
(N E D E R L A N D)**COMMUNICATION**Concerning ⁽¹⁾:

- approval granted
- ~~approval extended~~
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

of a type of pneumatic tyre for motor vehicles pursuant to Regulation number 54.

Approval number: E4*54R00/24*51729*00

1. Manufacturer's name and address : Shandong Jinyu Tire Co., Ltd.
No.260 Qingken Road, Dawang Town Guangrao
County, Dongying City 257335
Shandong Province, China (PRC)
2. Tyre type designation⁽²⁾
 - 2.1. Brand-name(s) or trade mark(s) : EVERGREEN; JINYU; BLACKLION;
AMULET
 - 2.2. Trade description(s)/ Commercial name(s) : EDM60; Mix Work EDM60; JD758; BD280;
AD702
3. If applicable, name and address of the manufacturer's representative : not applicable
4. Summarized description
 - 4.1. Size of tyre : 315/80R22.5
 - 4.2. Category of use : ~~normal/snow~~/special ⁽¹⁾
 - 4.3. Structure : ~~diagonal(bias ply)~~/radial ⁽¹⁾

- 4.4. Tyre class : ~~E2~~/C3⁽¹⁾
- 4.5. Speed category symbol:
- 4.5.1. Nominal : J
- 4.5.2. additional (if applicable) : K
- 4.6. Load-capacity indices:
- 4.6.1. Corresponding to nominal speed:
- single : 156
- twinned (dual) : 150
- 4.6.2. Corresponding to additional speed:
- single : 154
- twinned (dual) : 150
5. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity : TÜV Rheinland Kraftfahrt GmbH
Typprüfstelle Fahrzeuge/Fahrzeugteile
Am Grauen Stein
D-51105 Köln
6. Date of report issued by that service : September 28, 2022
7. Number of report issued by that service : 86-R54-2469/22-00
8. Reason(s) of extension (if applicable) : ---
9. Any remarks :
10. Place : Zoetermeer
11. Date : 13 October 2022
12. Signature :



R. R. van der Spek

13. Annexed to this communication is a list of documents in the approval file deposited at the administrative service having delivered the approval and which can be obtained upon request.
- Application form relating to UN approval for a pneumatic tyre pursuant to Regulation number 54.
 - The drawing of the tyre's sidewalls, tread and dimensioned cross-section.
 - The test report as mentioned in item 7.

(1) Strike out what does not apply.

(2) A list of Brand name(s)/trademark(s) or Trade description(s)/ Commercial name(s) may be annexed to this communication

**APPLICATION FOR APPROVAL OF A TYPE OF PNEUMATIC TYRE ACCORDING TO ECE REGULATION No.
54, 00 SERIES OF AMENDMENTS**

- | | | | |
|--------|--|---|--|
| 1. | Manufacturer's name or trade mark ⁽²⁾ | : | EVERGREEN; JINYU; BLACKLION; AMULET |
| 2. | Tyre type designation by the manufacturer ⁽²⁾ | : | EDM60; Mix Work EDM60; JD758; BD280; AD702 |
| 3. | Manufacturer's name and address | : | Shandong Jinyu Tire Co.,Ltd.
No.260 Qingken Road,Dawang Town Guangrao
County,Dongying City 257335,Shandong Province China(PRC) |
| 4. | If applicable, name and address of manufacturer's representative | : | not applicable |
| 5. | Summarised description, | | |
| 5.1. | Tyre size designation | : | 315/80R22.5 |
| 5.2. | Category of use | : | normal /special/ snow |
| 5.3. | Structure | : | diagonal (bias ply) / radial |
| 5.4. | Speed category symbol | | |
| 5.4.1. | Nominal | : | J |
| 5.4.2. | Additional (if applicable) | : | K |
| 5.5. | Load capacity indices | | |
| 5.5.1. | corresponding to nominal speed | : | single: 156, twinned (dual):150 |
| 5.5.2. | corresponding to additional speed | : | single:154 , twinned (dual):150 |
| 6. | Overall dimensions(design) | : | calculated/ Annex 5 |
| | overall section width | : | 316 |
| | outer diameter | : | 1088 |
| 7. | Factor 'x' | : | 0.75 |
| 8. | Ply-rating number for diagonal (bias ply) tyres | : | 20 |
| 9. | Rims on which the tyre can be mounted | : | 9.00 |
| 10. | Measuring rim and test rim | : | see attached test report |
| 11. | Tyre class | : | C2 / C3 |
| 12. | State whether the tyre is | : | tube less / tube type |
| 13. | Traction tyre | : | Yes / no(see the tread pattern detail in drawing) |
| 14. | State if special use tyre | : | n.a. |
| | Professional Off-Road | : | Yes / no |
| | Tread depth / Void to fill ratio | : | 21.5/35.7% |
| 15. | Inflation pressure and index for measuring and testing | : | see attached test report |
| 16. | Submitted for approval on (date) | : | Sep. 22, 2022 |

We herewith declare that we have not applied and will not apply for approval with another Contracting Party of the ECE for the same type of product.

MANUFACTURER'S STAMP

Signature :



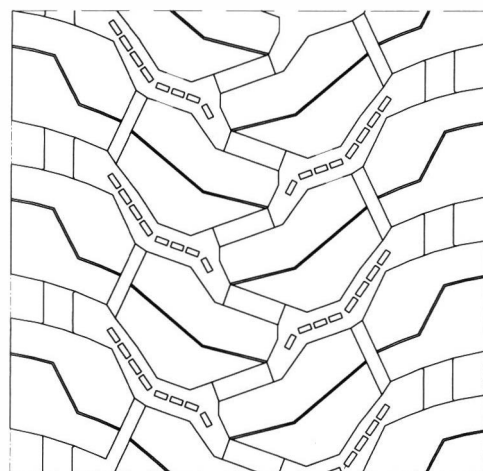
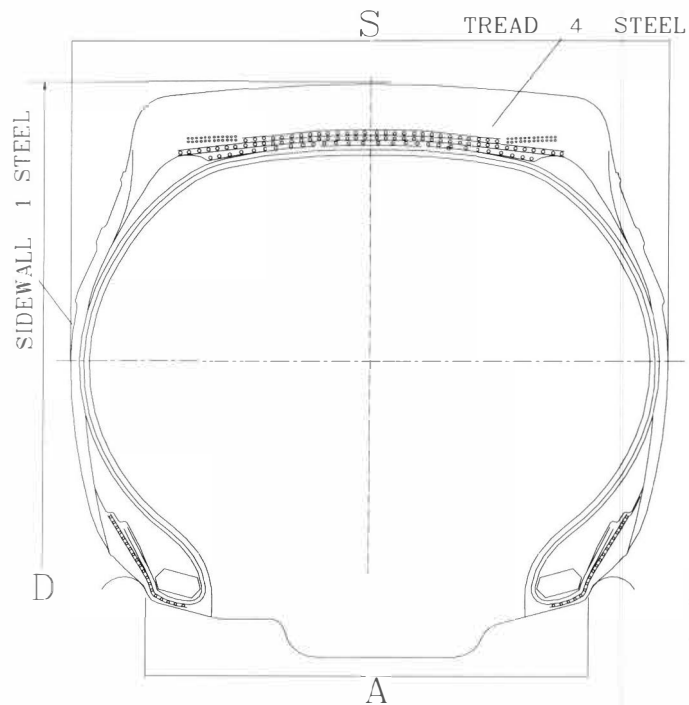
Name: Liang Hongtao

THIS APPLICATION IS ACCOMPANIED BY:

- A drawing of the tyre's side wall, tread and dimensioned cross section.
- The test report.

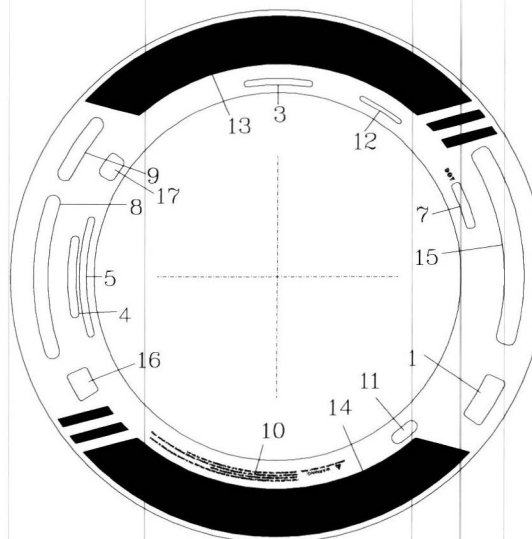
(1) Strike out what does not apply.

(2) Modified points are underlined for extension.

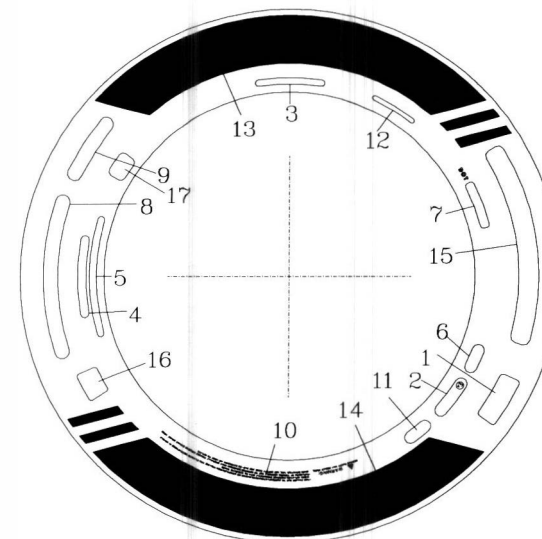


40 blocks

Void to fill ratio: 35.7%



TOP SIDEWALL



BOTTOM SIDEWALL

1	156/150J (154K) 850 kPa
2	E4 *****
3	COUNTRY OF ORIGIN
4	REGROOVABLE
5	RADIAL TUBELESS
6	I***
7	DOT ***** (****-- DATE CODE)
8	20PR PLIES: TREAD 4 STEEL SIDEWALL 1 STEEL MAX.LOAD SINGLE 4000kg(8820LBS) AT 850kPa(125PSI) COLD L.R.L MAX.LOAD DUAL 3350kg(7390LBS) AT 850kPa(125PSI) COLD
9	BRAND TIRE HERE
10	Δ WARNING: SERIOUS INJURY MAY RESULT FROM: • TIRE FAILURE DUE TO UNDERINFLATION/OVERLOADING OR MISAPPLICATION -- FOLLOW TIRE PLACARD INSTRUCTIONS IN VEHICLE CHECK INFLATION PRESSURE FREQUENTLY WITH AN ACCURATE GAUGE • EXPLOSION OF TIRE/RIM ASSEMBLY DUE TO IMPROPER MOUNTING-- ONLY SPECIALLY TRAINED PERSONS SHOULD MOUNT TIRES WHEN MOUNTING TIRE USE SAFETY CAGE AND CWP--ON EXTENSION AIR HOSE TO INFLATE
11	3C *****
12	STANDARD RIM9.00 **** (****-- MOULD CODE)
13	EVERGREEN, EVERGREEN
14	Mix Work EDM60, EDM60
15	315/80R22.5
16	M+S
17	POR

315/80R22.5	156/150(154/150)	J/(K)	TUBELESS	1076	312	228.6	21.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	D(mm)	S(mm)	A(mm)	SKID DEPTH (mm)

DRAWN BY *Linguoqing*

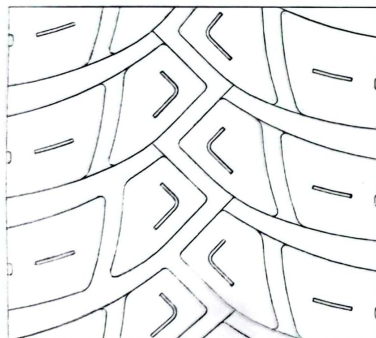
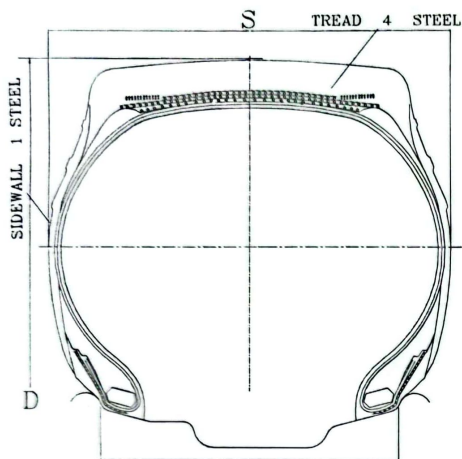
CHECKED BY

Feyhbin

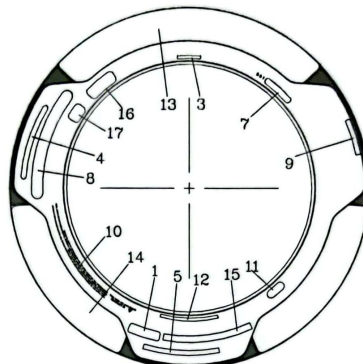
APPROVED BY

Luan Haitao

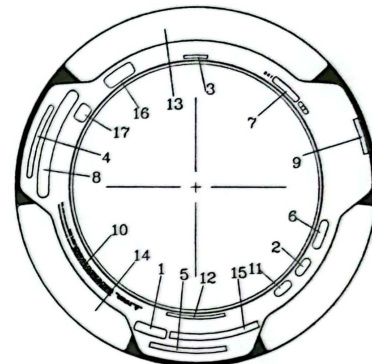
SHANDONG JINYU TIRE CO.,LTD.



Void to fill ratio: 35.9%



TOP SIDEWALL



BOTTOM SIDEWALL

1	156/150J (85k) 850 kPa
2	© *****
3	COUNTRY OF ORIGIN
4	REGROOVABLE
5	RADIAL TUBELESS
6	I***
7	DOT ***** (---- DATE CODE)
8	20PR PLIES: TREAD 4 STEEL SIDEWALL 1 STEEL MAX LOAD SINGLE 4000kg(8820LBS) AT 850kPa(125PSI) COLD L.R.L. MAX LOAD DUAL 3350kg(7390LBS) AT 850kPa(125PSI) COLD
9	BRAND TIRE HERE
10	▲ WARNING: SERIOUS INJURY MAY RESULT FROM : * TIRE FAILURE DUE TO UNDERINFLATION/OVERLOADING OR MISAPPLICATION -- FOLLOW TIRE PLACARD INSTRUCTIONS IN VEHICLE * CHECK INFLATION PRESSURE FREQUENTLY WITH AN ACCURATE GAUGE * EXPLOSION OF TIRE/RIM ASSEMBLY DUE TO IMPROPER MOUNTING -- ONLY SPECIALLY TRAINED PERSONS SHOULD MOUNT TIRES WHEN MOUNTING TIRE, USE SAFETY CAGE AND CLIP -- ON EXTENSION AIR HOSE TO INFLATE
11	3C *****
12	STANDARD RIM 9.00 ---- (---- MOULD CODE)
13	JINYU. BLACKLION. AMULET
14	JD758. BD280. AD702
15	315/80R22.5
16	M+S
17	POR

315/80R22.5	156/150(154/150)	J/(K)	TUBELESS	1076	312	228.6	21.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	D(mm)	S(mm)	A(mm)	SKID DEPTH (mm)

DRAWN BY	Luguoqing	CHECKED BY	Fuybin	APPROVED BY	Luan Hai tao	SHANDONG JINYU TIRE CO.,LTD.
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Type : 315/80R22.5
Manufacturer : Shandong Jinyu Tire Co., Ltd.

TEST REPORT

according to UN-Regulation

**Uniform provisions concerning the approval of pneumatic tyres
for commercial vehicles and their trailers**

UN Regulation No. 54

including all amendments until

Amend.00, Suppl. 24

Approval Status

UN approval : ---

Structure of the Test Report

Item No.

0. General information
 1. Tested vehicle(s) / object(s)
 2. Test record
 3. List of appendices
 4. Statement of conformity
-

The Test Report shall be reproduced and published in full by the client only. It shall however be reproduced partially with the written permission of the Technical Service.

Test Report No. 86-R54-2469/22-00

Type : 315/80R22.5
 Manufacturer : Shandong Jinyu Tire Co., Ltd.

0. General Information

- 0.1. Make (trade name of the manufacturer) : Shandong Jinyu Tire Co., Ltd.
- 0.2. Type : 315/80R22.5
- 0.3. Category of vehicle : Not applicable
- 0.4. Name and address of the manufacturer : Shandong Jinyu Tire Co., Ltd.
 No.260 Qingken Road, Dawang Town Guangrao
 County, Dongying City 257335
 Shandong Province, China (PRC)
- 0.5. No. of the information folder : Not applicable
 -Date of issue : September 22, 2022
 -Date of last change : ---

1. Tested ~~vehicle(s)~~ / object(s)

- 1.1. Description
- 1.1.1. ~~Vehicle~~ / object
- Commercial description : Not applicable
- Type(s) ~~Variant(s)~~ / version(s) : 315/80R22.5
- Identification number : See Appendix 1
- 1.1.2. Condition of ~~vehicle(s)~~ / Object(s) : New ~~/used~~ / ~~protected~~
- 1.2. Worst case selection : The determination of the worst case was done according to internal procedures of the Technical Service (MS-0000480 section 5.6).
- Only one variant/version, so no worst case assessment required.
- ~~There is no worst case selection applicable because all variants mentioned in the information folder are tested.~~
- ~~Paperwork extension, please see previous test report(s) for worst case information.~~
- 1.3. Remarks : Not applicable

Test Report No. 86-R54-2469/22-00

Type : 315/80R22.5
Manufacturer : Shandong Jinyu Tire Co., Ltd.

2. Test record

- 2.1. Equipment for measuring and testing : The test facilities / measurement equipment used were in compliance with the test requirements
- 2.1.1. Specifications for the test site : Not applicable
- 2.1.2. Subcontracting : Not applicable
- 2.2. Test results : See Appendix 1
- Numbering according to Paragraph 6. and 7. of the UN-R54
- 2.2.1. Test results referring to measurements : Pass / ~~Fail~~
- 2.2.2. Attributive tests : Not applicable
- 2.2.3. Alternative test provisions : Not applicable
- Remarks concerning extension ~~The type has been tested according to the modification(s) mentioned in appendix 0.~~
~~The new parts meet the requirements of the regulation.~~
~~An actual practical test of the type was not necessary.~~
~~The results of the previous test(s) are still valid.~~
- 2.3. Additional information : The results of the test refer exclusively to the object(s) mentioned under point 1. of this report.
- Test site : Shandong Jinyu Tire Co., Ltd.
 No.260 Qingken Road, Dawang Town Guangrao County, Dongying City 257335
 Shandong Province, China (PRC)
- Test date : September 13-16, 2022
- 2.4. Remarks : Not applicable

Type : 315/80R22.5
Manufacturer : Shandong Jinyu Tire Co., Ltd.

3. List of Appendices

Appendix 0 : List of modifications
Appendix 1 : Test minutes

4. Statement of conformity

The Information Document listed in section 0.5., and the type described therein, comply with the requirements stated on page 1. The test results in this report refer to the vehicle(s)/object(s) described under section 1.1. With regards to the required level of performance to be achieved, the tested samples were representative for the type to be approved (see section 1.2).

Engineering centre Shanghai / September 28, 2022

LH



Heng Liu
Technical Expert Technical Service

Type : 315/80R22.5
Manufacturer : Shandong Jinyu Tire Co., Ltd.

List of modifications**Appendix 0**

Correction of : ---

Modification of : ---

Addition of : ---

Deletion of : ---

Type : 315/80R22.5
 Manufacturer : Shandong Jinyu Tire Co., Ltd.

Test minutes

Appendix 1

1. Test data**1.1 Object markings**

- | | | | | |
|--------|---|---|--|------------------|
| 1.1.1 | Trade name or mark | : | EVERGREEN | |
| 1.1.2 | Tyre type designation | : | EDM60 | |
| 1.1.3 | Plies of Tread / Sidewall | : | 4 STEEL / 1 STEEL | |
| 1.1.4 | Tyre size designation | : | 315/80R22.5 | |
| 1.1.5 | Category of use | : | Special | |
| | Indication of category of use | : | word "POR" "M+S" | |
| 1.1.6 | Structure | : | Radial | |
| | Indication / symbol of structure | : | Word "RADIAL", letter "R" in front of rim diameter marking | |
| 1.1.7 | Speed category | : | Nominal: J | Supplementary: K |
| 1.1.8 | Load-Capacity Indices(L.I.) | : | | |
| | corresponding to nominal speed | : | Single: 156 | Twinned: 150 |
| | corresponding to supplementary speed | : | Single: 154 | Twinned: 150 |
| 1.1.9 | Index of inflation pressure for testing | : | 850 kPa | |
| 1.1.10 | Ply-rating number | : | 20 PR | |
| 1.1.11 | Word in case of without inner tube | : | TUBELESS | |
| 1.1.12 | Word in case of tyre can be regrooved | : | REGROOVABLE | |
| 1.1.13 | Inscription in case of Free Rolling Tyre or Traction Tyre | : | Not applicable | |
| 1.1.14 | Date of manufacture | : | 3522 | |

1.2. Dimension measurement according to Annex 6

- | | | | |
|-------|--|-------------|--------------------|
| 1.2.1 | Measuring rim | : | 9.00*22.5 |
| 1.2.2 | Inflation pressure after mounting on measuring rim | : | 850 kpa |
| 1.2.3 | Inflation pressure adjusted before conditioning | : | 850 kpa |
| 1.2.4 | Conditioning of tyre | : | More than 24 hours |
| 1.2.5 | Inflation pressure readjusted after conditioning | : | 850 kpa |
| 1.2.6 | Overall width at six equally spaced points | | |
| | 1. 315.9 mm | 2. 316.2 mm | 3. 316.4 mm |
| | 4. 316.0 mm | 5. 316.1 mm | 6. 316.1 mm |
| | Max.: 316.4 mm | | |

Test Report No. 86-R54-2469/22-00

Type : 315/80R22.5
Manufacturer : Shandong Jinyu Tire Co., Ltd.

- 1.2.7 Circumference : 3417 mm
 1.2.8 Outer diameter : 1087.7 mm
 1.2.9 Tread depth / void to fill ratio in case of special use tyre : 21.5 mm / 35.7%

1.3. Load/speed performance test according to Annex 7

- 1.3.1 Test machine : TJR-2-TB(Y)
 1.3.2 Diameter of test drum : 1.7 m
 1.3.3 Test rim : 9.00*22.5
 1.3.4 Inflation pressure adjusted before conditioning : 850 kpa
 1.3.5 Conditioning of tyre : More than 3 hours
 1.3.6 Test-room temperature : 27.1-27.7°C
 1.3.7 Inflation pressure readjusted after conditioning : 850 kpa
 1.3.8 100% load corresponding to L.I.(single) : 4000 kg

Step	Step duration [h]	Total duration [h]	Actual speed [km.h ⁻¹]	Test Load [%]	[kg]
1.	7	7	56	66	2640
2.	16	23	56	84	3360
3.	24	47	56	101	4040

- 1.3.11 Inspection after test : The tyre does not exhibit tread separation, ply separation, cord separation, chunking or broken cords.

2. Remarks : ---