

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- ~~approval withdrawn~~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 tyre with regard to 'rolling sound emission level' and/or 'adhesion performance on wet surfaces' and/or 'rolling resistance' pursuant to Regulation number 117.

Approval number ⁽²⁾: E4*117R02/12*4182*12
Suffix(es) ⁽³⁾: 02S2WR2

- | | | |
|------|---|--|
| 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. | If applicable, name and address of
manufacturer's representative | : not applicable |
| 3. | "Tyre class" of the type of tyre | : Class C1/Class C2/Class C3 |
| 4. | "Category of use" of the type of tyre | : normal/ snow/special |
| 4.1. | Snow tyre for use in severe snow
conditions | : yes/ no ⁽¹⁾ |
| 4.2. | Traction tyre | : yes/ no ⁽¹⁾ |
| 5. | Tyre structure | : diagonal/ bias-belted/ radial/ run-flat tyre |
| 6. | Tyre type designation | |
| 6.1. | Brand name(s)/trademark(s) of the
type of tyre | : BLACKLION; AMULET; <u>EVERGREEN</u> |
| 6.2. | Trade description(s)/Commercial
name(s) of the type of tyre | : BD175; AD506; <u>EDR955</u> |

7. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity tests : TÜV Rheinland Kraftfahrt GmbH
Typprüfstelle Fahrzeuge/Fahrzeugteile
Am Grauen Stein
51105 Köln
8. Performance(s) approved : sound level at (~~stage 1~~/stage 2)⁽¹⁾, wet adhesion level, rolling resistance level (~~stage 1~~/stage 2)⁽¹⁾ and snow performance level
- 8.1. Sound level of the representative tyre size, see paragraph 2.7. of this Regulation, as per item 7. of the test report in Appendix 1 to Annex 3, at reference speed of 70/~~80~~ km/h⁽¹⁾. : 315/70R22.5 156/150L: 75 dB(A)
- 8.2. Wet adhesion level of the representative tyre size, see paragraph 2.7. of this Regulation, as per item 7. of the test report in the appendix to Annex 5 using the vehicle-~~or trailer~~ method⁽¹⁾. : 12R22.5 150/147L: 1.07
- 8.3. Rolling resistance level of the representative tyre size, see paragraph 2.7. of this Regulation, as per item 7. of the test report in Appendix 1 to Annex 6 : 205/75R17.5 124/122L: 6.97 N/kN
- 8.4. Snow grip level of the representative tyre size, see paragraph 2.7. of Regulation No. 117, as per item 7. of the test report in the appendix⁽⁴⁾ to Annex 7 using the ~~brake on snow method~~⁽¹⁾, ~~spin traction method~~⁽¹⁾ or acceleration method⁽¹⁾. : 205/75R17.5 124/122L: 1.44
9. Number of report issued by that service : 86-R117-1458/21-00
10. Date of report issued by that service : April 28, 2021
11. Reason(s) of extension (if applicable) : Addition of brand name and trade description
12. Any remarks : ---
13. Place : Zoetermeer
14. Date : 07 May 2021



15. Signature :



T. H. K. Spatz

16. Annexed to this communication are: BD175-SWR-12

16.1. A list of documents in the approval file deposited at the Type Approval Authorities having delivered the approval and which can be obtained upon request⁽⁵⁾.

16.2. A list of tyre size designations: Specify for each brand name/trademark and/or each trade description/Commercial name the list of tyre size designations and service descriptions, adding in case of Class C1 tyres whether "reinforced" (or "extra load") or not.

⁽¹⁾ Strike out what does not apply.

⁽²⁾ According to Schedule 4 to Revision 3 of the 1958 Agreement.

⁽³⁾ According to paragraphs 5.2.2. and 5.3.1.2. of this Regulation.

⁽⁴⁾ Appendix 2 for C1 and C2 tyres.

Appendix 3 for C3 tyres.

⁽⁵⁾ In the case of 'snow tyre for use in severe snow conditions' a test report according to Appendix 2 of Annex 7 shall be submitted.

Manufacturer: Shandong Jinyu Tire Co., Ltd.
Information folder: BD175-SWR-12

RELATING TO ECE TYPE-APPROVAL EXTENSION FOR A TYPE OF TYRE WITH REGARD TO ROLLING SOUND EMISSIONS AND TO ADHESION PERFORMANCE ON WET SURFACES AND/OR TO ROLLING RESISTANCE (ECE Regulation No. 117. 02, Supplement 12)

1. GENERAL

- 1.1. The performance characteristics to be assessed for the tyre type : rolling sound emission level and adhesion performance level on wet surfaces and rolling resistance and snow performance testing
- 1.2. Manufacturer's name : Shandong Jinyu Tire Co., Ltd.
- 1.3. Name and address of applicant : Shandong Jinyu Tire Co., Ltd.
No.260 Qingken Road,Dawang Town Guangrao County,Dongying City 257335,Shandong Province China(PRC)
- 1.4. Address(es) of manufacturing plant(s) : same with the applicant
- 1.5. Brand name(s), Trade description(s) or Trade mark(s) to be used for particular tyre type-approval requested : BLACKLION;AMULET; EVERGREEN
2. Tyre BD175;AD506; EDR955
- 2.1. Tyre classification (class C1, C2, C3) : ~~Class C1 / Class C2~~ / Class C3
- 2.2. Section width range for class C3 tyres : see attached "list of tyre size"
- 2.3. Tyre structure : ~~diagonal / bias belted~~ / radial
- 2.4. For Class C1 tyres, state weather : not applicable
- 2.4.1. Reinforced (or extra load) in case of approval with regarding to rolling sound emission level : see attached "list of tyre size"
- 2.4.2. Speed category symbol "Q" or below (not including "H") or "R" and above (including "H") in case of snow tyres for approval with regarding to adhesion on wet surfaces : not applicable
- 2.5. For Class C2 or C3 tyres, state weather "Traction tyre" : Yes / ~~No~~
- 2.6. Category of use (normal, snow, special) : ~~normal / snow~~ / snow tyre for use in severe snow conditions / ~~special~~
- 2.7. A list of tyre designations covered by this application : see attached "list of tyre size"
- 2.8. Details of major features, with respect to the effects on tyre performance (i.e. rolling emission level or adhesion on wet surfaces, respectively) of the tread pattern(s) to be used on the designated range of tyre sizes. : see attached "drawing of tread pattern"
- 2.9. In the case of "special use tyre", drawing of the tread pattern supplied in order to verify the void-to-fill ratio. not applicable
- 2.10. Submitted for approval on (date) Apr.23, 2021

MANUFACTURER'S STAMP

Signature:



Name: LiangHongtao

THIS APPLICATION IS ACCOMPANIED BY:

- List of tyre size
- Drawing of tread pattern
- The test report

Brand name(s) or Trade mark(s)

: BLACKLION;AMULET; EVERGREEN

Tread pattern

:BD175;AD506; EDR955

I List of tyre size

Tyre size	Approval No.	Limit for rolling sound dB(A) of Stage II	Wet grip index(G)	Limit for rolling resistance coefficient N/KN of Stage II	snow tyre for use in severe snow conditions/ special
11R22.5 146/143 K	E4-54R-0030195	76	0.65	7.5	1.25
11R22.5 146/143 K	E4-54R-0039298				
11R22.5 144/142 L	E4-54R-039299				
12R22.5 150/147 L	E4-54R-0030196				
295/60R22.5 150/147 L	E4-54R-0029313				
295/80R22.5 152/148 M	E4-54R-0029089				
295/80R22.5 152/149 L	E4-54R-0029090				
295/80R22.5 152/149 M	E4-54R-0030993				
315/80R22.5 154/151 L	E4-54R-0029461				
315/80R22.5 156/153 L	E4-54R-0029462				
315/70R22.5 152/148 M	E4-54R-0029092				
315/70R22.5 154/150 L	E4-54R-0029093				
315/70R22.5 156/150 L	E4-54R-0030339				
315/80R22.5 156/153L	E4-54R -0031124				
215/75R17.5 126/124 M	E4-0030325				
215/75R17.5 135/133 L	E4-0030326				
225/70R19.5 128/126 L	E4-0030328				
235/75R17.5 143/141 L	E4-0030329				
245/70R19.5 136/134 M	E4-0030333				
255/70R22.5 140/137 M	E4-0043541				
265/70R19.5 143/141 J	E4-0029081				
245/70R19.5 144/142J	E4-0043441				
205/75R17.5 124/122L	E4-0029077				
215/75R17.5 128/126M	E4-0048076				
11R22.5 148/145L	E4-0037150				

II Worst Case Selection

Test size for rolling sound : 315/70R22.5 156/150L

Because of : Widest
~~Lowest aspect ratio~~

Test size for wet grip 12R22.5 150/147L

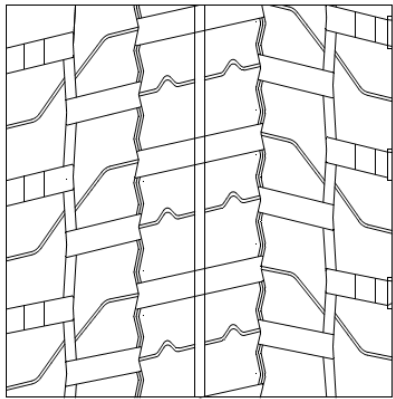
Because of The wet grip test result of 12R22.5 150/147L is $G=1.07$, which is 10% above the limit value of ECE-R117

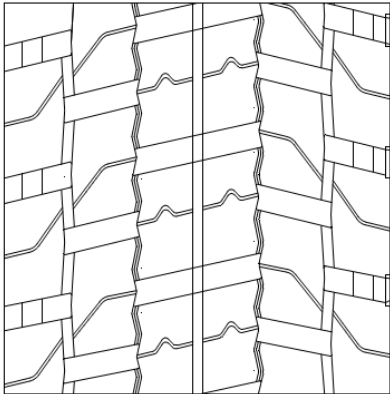
Test size for rolling resistance : 205/75R17.5 124/122L

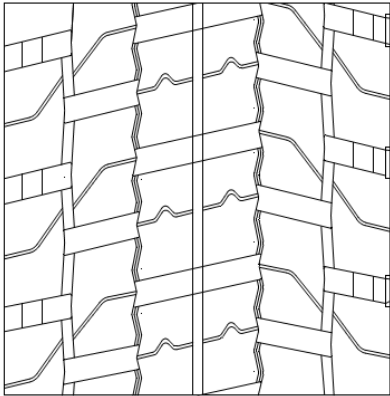
Because of : Lowest load capacity index

Test size for snow performance : 205/75R17.5 124/122L

Because of : Smallest nominal section width

Drawing of the tread pattern (for measured tyre using for tyre noise test)		
Manufacturer name	:	Shandong Jinyu Tire Co., Ltd.
Pattern name	:	BD175;AD506; <u>EDR955</u>
Tyre Size	:	315/70R22.5 156/150 L
Market	:	EU
Pitch number	:	52
Pitch ratio	:	0.97: 1: 1.05
Void volume [%]	:	12.6
Width: main grooves [mm]	:	12.0
Depth: center groove [mm]	:	20.5
Depth: shoulder groove [mm]	:	20.5
Tyre tread pattern	:	 BLOCKS: 52

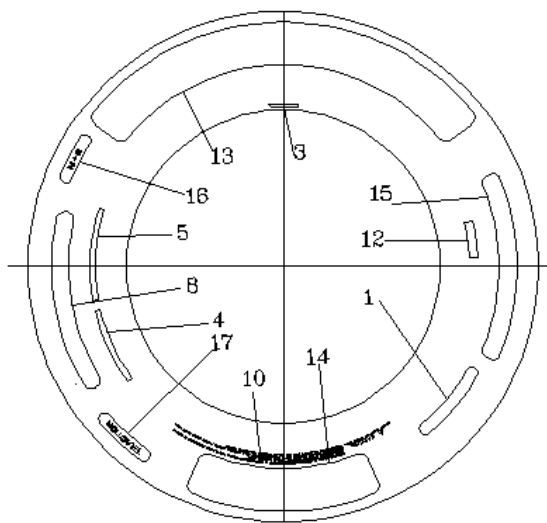
Drawing of the tread pattern (for measured tyre using for tyre wet grip)		
Manufacturer name	:	Shandong Jinyu Tire Co., Ltd.
Pattern name	:	BD175;AD506; <u>EDR955</u>
Tyre Size	:	12R22.5 150/147L
Market	:	EU
Pitch number	:	52
Pitch ratio	:	0.97: 1: 1.05
Void volume [%]	:	12.6
Width: main grooves [mm]	:	12.9
Depth: center groove [mm]	:	20.5
Depth: shoulder groove [mm]	:	20.5
Tyre tread pattern	:	 BLOCKS: 52

Drawing of the tread pattern (for measured tyre using for tyre rolling resistance test and snow performance test)		
Manufacturer name	:	Shandong Jinyu Tire Co., Ltd.
Pattern name	:	BD175; AD506 ; <u>EDR955</u>
Tyre Size	:	205/75R17.5 124/122L
Market	:	EU
Pitch number	:	52
Pitch ratio	:	0.97: 1: 1.05
Void volume [%]	:	12.6
Width: main grooves [mm]	:	8.5/9.5/10.5
Depth: center groove [mm]	:	15.5
Depth: shoulder groove [mm]	:	15.5
Tyre mass [kg]	:	26.0
Tread depth [mm]	:	15.5
Tread width [mm]	:	175
Curvature radius of tread crown [mm]	:	440
Tyre outer diameter [mm]	:	753
Tread plies	:	1 STEEL+3 STEEL
Tyre tread pattern	:	 BLOCKS: 52

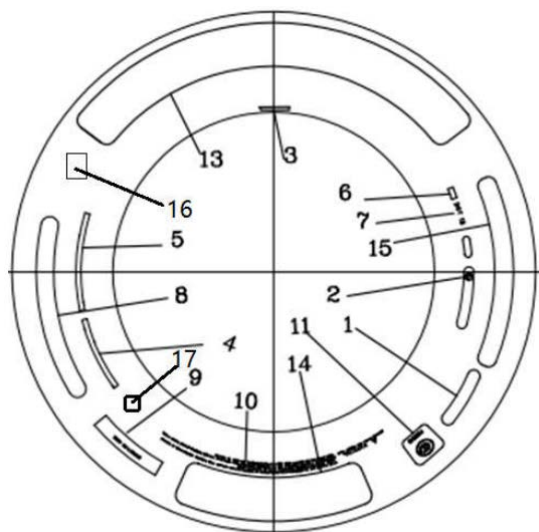
Drawing of the tyre sidewall

Tyre Size

: 315/70R22.5 156/150 L



Upper mold



Lower mold

1.156/150 L 900kpa

2. E4 *****

3. MADE IN CHINA

4. REGROOVABLE

5. RADIAL TUBELESS

6. I***

7. DOT ** ***** (*****--DATE CODE)

8. 18PR PLIES: TREAD STEEL 5	SIDEWALL STEEL 1
MAX.LOAD: SINGLE 4000kg(8820LBS) AT	900kpa(130PSI)COLD
DUAL 3350kg(7385LBS)AT	900kpa(130PSI)COLD LR:J

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. CKECK INFLATION PRESSURE
 FREQUENTLY WITH AN ACCURATE GAUGE *EXPLOSION OF TIRE/RIM ASSEMBLY DUE TO
 IMPROPER MOUNTING--ONLY SPECIALL TRAINED PERSONS SHOULD MOUNT TIRES WHEN
 MOUNTING TIRE,USE SAFETY CAGE AND CLIP -ON EXTENSION AIR HOSE TO INFLATE

11.3C A035420

12. STANDARD RIM : 9.00 ***** (***** ---MOULD CODE)

13. BLACKLION

14. BD175

15. 315/70R22.5

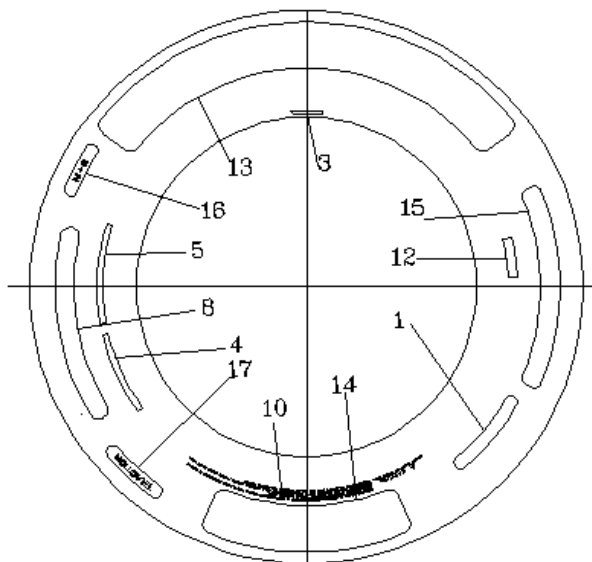
16. M+S

17. TRACTION

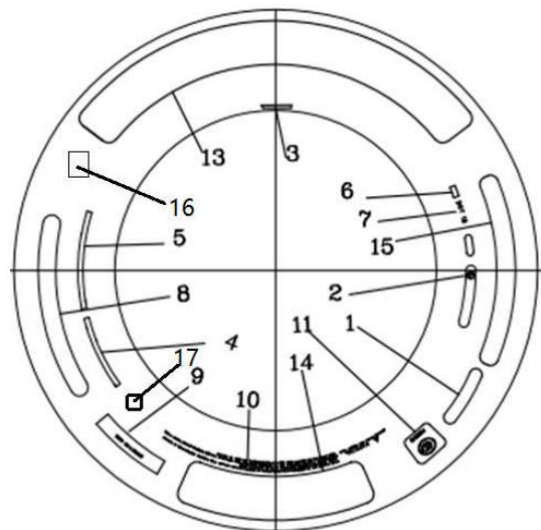
Drawing of the tyre sidewall

Tyre Size

: 12R22.5 150/147L



Upper mold



Lower mold

1. 150/147L 830kpa

2. (E4) *****

3. MADE IN CHINA

4. REGROOVABLE

5. RADIAL TUBELESS

6. I***

7. DOT ** **** (****----DATE CODE)

8. 16PR PLIES: SIDEWALL 1 STEEL TREAD 1 STEEL+4 STEEL
MAX.LOAD: SINGLE 3350kg(7390LBS) AT 830kpa(120PSI)COLD
DUAL 3075kg(6780LBS)AT 830kpa(120PSI)COLD LR:H

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 F000040

12. STANDARD RIM 9.00 **** (**** ---MOULD CODE)

13. BLACKLION

14. BD175

15. 12R22.5

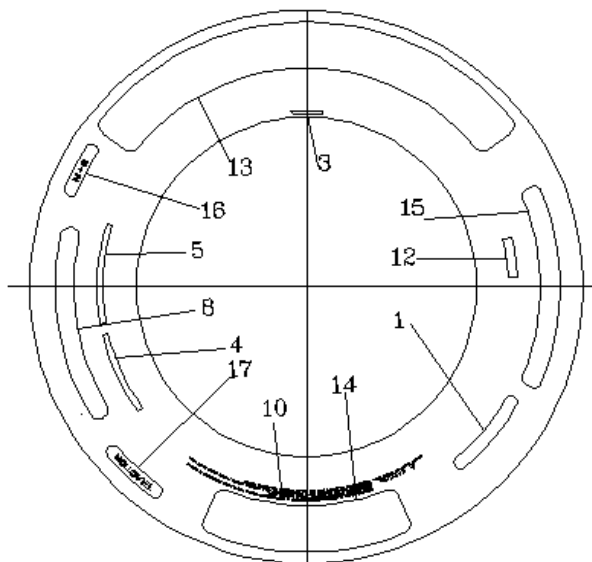
16. M+S

17. TRACTION

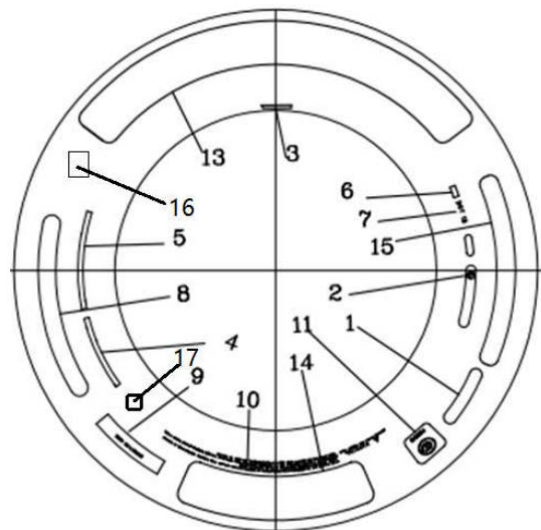
Drawing of the tyre sidewall

Tyre Size

: 205/75R17.5 124/122L



Upper mold



Lower mold

1. 124/122L 750 Kpa

2. (E4) *****

3. MADE IN CHINA

4. REGROOVABLE

5. RADIAL TUBELESS

6. I***

7. DOT ** **** (****----DATE CODE)

8. 14PR PLIES: TREAD STEEL 4 SIDEWALL STEEL 1
MAX.LOAD: SINGLE 1600kg(3525 LBS) AT 750kpa(110PSI)COLD
DUAL 1500kg(3310LBS)AT 750kpa(110PSI)COLD LR:G

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 F000040

12. STANDARD RIM 6.00 **** (**** ---MOULD CODE)

13. BLACKLION

14. BD175

15. 205/75R17.5

16. M+S

17. TRACTION

Type : BD175; AD506; EDR955
Manufacturer : Shandong Jinyu Tire Co., Ltd.

TEST REPORT

according to UN Regulation

Uniform Provisions concerning the Approval of Tyres with regard to Rolling Sound Emissions and to Adhesion on Wet Surfaces and/or to Rolling Resistance

UN Regulation No. R117

including all amendments until

Amend.02, Suppl. 12

Approval Status

UN approval : E4*117R02/12*4182*11

Structure of report :

Item No.

0. General information

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

2. Tested 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 Testing Laboratory only.

Type : BD175; AD506; EDR955
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 : BD175; AD506; EDR955
- 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 : BD175-SWR-12
-Date of issue : ---
-Date of last change : April 23, 2021

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

- 1.1. Description
- 1.1.1. ~~Vehicle /~~ object
- Commercial description : Not applicable
- Type(s) / ~~variant(s)~~ / ~~version(s)~~ : BD175; AD506; EDR955
- Identification number : See Appendix 1
- 1.1.2. Condition of ~~vehicle(s)~~ / Object(s) : New / ~~Used~~ / ~~Pretested~~
- 1.2. Worst case selection : The determination of the worst case was done according to internal procedures of the Technical Service (QMA 1.301.005, section 6.2.2.2.) and RDW Announcement for the Technical Service number: 2018/01[Regulation R117], the description was mentioned in [II.Worst case selection] of information folder No. BD175-SWR-12
- ~~Only one variant/version, so no worst case assessment required.~~
- 1.3. Remarks : All versions of the types as stated in the information folder are covered by the tested object(s) respectively.

Type : BD175; AD506; EDR955
 Manufacturer : Shandong Jinyu Tire Co., Ltd.

2. Tested 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 : See Appendix 1
- 2.1.2. Subcontracting
- Tyre noise : Not applicable
 - Wet grip : Not applicable
 - Rolling resistance : Not applicable
 - Snow performance : Refer to report no. TW-TL20-TRQ080-E117SP
- 2.2. Test results : See appendix 1
- Numbering according to Paragraph 6. and 7. of the UN R117
- 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 : See Appendix 1
- Test date : See Appendix 1
- 2.4. Remarks : Not applicable

Type : BD175; AD506; EDR955
Manufacturer : Shandong Jinyu Tire Co., Ltd.

3. List of Appendices

Appendix 0 : List of modifications
Appendix 1 : Test minutes

4. Statement of conformity

The in point 0.5. mentioned information folder and the type described in that comply with the requirements mentioned on page 1.

With regard to the required level of performance to be achieved, the tested items were representative for the type to be approved (see point 1.2).

The mentioned test results refer to the ~~vehicle(s)~~ object(s) described under point 1.1. of this report.

Engineering centre Shanghai / April 28, 2021
LC



Linda Chen
Expert Technical Service

Type : BD175; AD506; EDR955
Manufacturer : Shandong Jinyu Tire Co., Ltd.

List of modifications

Appendix 0

Correction of : ---

Modification of : ---

Addition of : Brand name and trade description

Deletion of : ---

Type : BD175; AD506; EDR955
Manufacturer : Shandong Jinyu Tire Co., Ltd.

Test minutes

Appendix 1

1. Tyre noise measurements : Refer to report No. : CV17050465 corresponding to type approval No.: E4-117R-024182 S2WR2 Ext.04
2. Tyre wet grip measurements : Refer to report No. : CV17050465 corresponding to type approval No.: E4-117R-024182 S2WR2 Ext.04
3. Rolling resistance measurements : Refer to report No. : 86-R117-4616/20-00 corresponding to type approval No. : E4*117R02/10*4182*10
 - 3.1. Date of test : June 02, 2020
 - 3.2. Test site : Qingdao Product Quality Supervision and Testing Research Center
No.77, Keyuan Weisi Road, Laoshan District, Qingdao, Shandong, China
 - 3.3. Test machine information

Make / type	: Tianjin Jiurong Wheel Tech. Co., Ltd. / TJR-RR-PC/TB(Y)
Applicable test method	: Force method
Diameter (≥1.7m)	: 2.0 m
Surface	: Smooth steel / Textured surface
Latest test machine monitoring on	: Continental Reifen Deutschland GmbH
Alignment valid from	: August 22, 2018
Latest test machine monitoring on	: May 27, 2020
Measurement standard deviation σ_m in latest monitoring	: $\sigma_m = 0.016$ N/kN ($\sigma_m \leq 0.06$ N/kN for Class C3 tyres)
 - 3.4. Test tyre details

Tyre brand and trade description	: BLACKLION / BD175
Tyre type	: 205/75R17.5 124/122L
Tyre structure	: Radial
Category of use	: Snow tyre for use in severe snow conditions
Tyre class	: C3
Plies fo tread and sidewall	: 4 Steel / 1 Steel
State whether the tyre is	: Standard / Reinforced
Manufacturing date code	: 1920
 - 3.5. Test conditions

Type : BD175; AD506; EDR955
Manufacturer : Shandong Jinyu Tire Co., Ltd.

	Test rim size / material	: 6.00 x 17.5 / Steel	
	Test speed	: 80 km/h	
	Test load (85% of maximum load capacity)	: 13337 N	
	Inflation pressure	: 750 kPa	
	Thermal conditioning	: more than 6 hours	
	Warm-up	: Forward rotation	Reverse rotation
		150 minutes	30 minutes
3.6.	Measurement and recording		
	The initial test inflation pressure	: 750 kPa	
		Forward rotation	Reverse rotation
	The test speed, U_n	: 80.00 km/h	-80.00 km/h
	The ambient temperature, t_{amb}	: 25.31 °C	25.35 °C
	The load on the tyre normal to the drum surface, L_m	: 13336.838 N	13336.979 N
	Spindle force(formal test mode)	: 74.136 N	-89.750 N
	The distance from the tyre axis to the drum outer surface under steady-state conditions, r_L (formal test mode)	: 358.419 mm	358.470 mm
	Skim test load	: 399.704 N	399.832 N
	Spindle force (skim test mode)	: 8.784 N	-18.160 N
	The distance from the tyre axis to the drum outer surface under steady-state conditions(skim test mode)	: 377.683 mm	377.712 mm
3.7.	Rolling resistance result		
	Initial value (or average in the case of more than 1)	: 6.955 N/kN	
	Temperature corrected	: 6.969 N/kN	
	Temperature and drum diameter corrected	: 6.97 N/kN	
	Limit value for C3 (Stage I/ II, snow tyre for use in severe snow conditions)	: 9.0 / 7.5 N/kN	
	The test result corrected by alignment equation mentioned in paragraph 6 of Annex V of Regulation (EU) No. 2020/740 is: 7.007 N/kN, Energy Efficiency Class: n/a		

Type : BD175; AD506; EDR955
 Manufacturer : Shandong Jinyu Tire Co., Ltd.

-
4. **Snow performance measurements** : **Refer to report No. : 86-R117-4616/20-00 corresponding to type approval No. : E4*117R02/10*4182*10**
- 4.1. Date of test : August 23, 2020
- 4.2. Location of test track : Test World Ltd., Mellatracks, Indoor 3
- 4.3. Test vehicle : SRTT and Candidate tyre installed on
 Make / vehicle name : Ford F250 Regularcab 5.4L 6-speed Manual 2009
 VIN : 1FTNF20599EB16406
- 4.4. Test tyre details : Candidate tyre
 Tyre brand and trade description : BLACKLION / BD175
 Tyre type : 205/75R17.5 124/122L
 Tyre structure : Radial
 Category of use : Snow tyre for use in severe snow conditions
 State whether the tyre is : ~~Standard / Reinforced~~
 Manufacturing date code : 2520
- 4.5. Test procedure and SRTT used : MECHELIN 245/70R19.5 – ASTM F2871
 Identification of the SRTT : FWLB 008 X
- 4.6. Test results
 Measured snow index value relative to SRTT : **1.44**
 Limit value for C3 : 1.25

Type : BD175; AD506; EDR955
Manufacturer : Shandong Jinyu Tire Co., Ltd.

Test data : Candidate tyre

	At start of tests	At end of tests	Specification
Weather	Indoor	Indoor	n/a
Ambient temperature	-9.0 °C	-9.1 °C	-2°C to -15°C
Snow temperature	-9.2 °C	-9.2 °C	-4°C to -15°C
CTI index	84	84	80 to 90

		SRTT (1 st test)		Candidate tyre(1/2)		SRTT (2 nd test)	
Tyre dimensions		245/70R19.5 136/134M		205/75R17.5 124/122L		245/70R19.5 136/134M	
Test rim width code		7.5 x 19.5		6.25 x 17.5		7.5 x 19.5	
Reference load Q _r (kg)		2240		1600		2240	
		Left	Right	Left	Right	Left	Right
Tyre load(kg)	Rear	635	620	635	620	635	620
Load index(%)	Rear	28%	28%	40%	39%	28%	28%
Tyre pressure (kpa)	nomimal	760		750		760	
	actual	530		530		530	

Valid Test results : Average acceleration (m/s²)

Run number	Specification (km/h)	SRTT (1 st test)		Candidate tyre (1 of 2)		SRTT (2 nd test)	
		AA	Slip ratio%	AA	Slip ratio%	AA	Slip ratio%
1	10-25	0.90	32%	1.30	17%	0.89	33%
2	10-25	0.89	32%	1.30	16%	0.89	33%
3	10-25	0.89	32%	1.29	16%	0.89	33%
4	10-25	0.88	32%	1.26	16%	0.89	34%
5	10-25	0.86	32%	1.23	15%	0.88	32%
6	10-25	0.86	34%	1.22	16%	0.88	32%
Mean		0.88	---	1.27	---	0.89	---
Std-deviation		0.01		0.03		0.00	
CV (< 6%)		1.6%		2.5%		0.3%	
Validation SRTT (≤ 6%)		--		--		0.6%	
SRTT Average		0.88		--		--	
Snow Index		1.00		SG = 1.44		--	