

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- approval withdrawn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 for motor vehicles pursuant to Regulation number 54.

Approval number: E4*54R00/25*51710*01

1. Manufacturer's name and address : Wanli Tire Corporation Limited
3 Wanli Road Aotou Town, Conghua 510940
Guangzhou City, Guangdong Province
China (PRC)
2. Tyre type designation ⁽²⁾ :
- 2.1. Brand name(s)/trademark(s) : AUFINE; MAXELL; FLYBULL
- 2.2. Trade description (s)/Commercial name(s)/ : SMART ADR8; MASTER MAS600;
SUPER LD2; APEX ADR9;
ECOMAX LD6; ENDURO FDR2;
EDEMUN FDR2
3. If applicable, name and address of the manufacturer's representative : Not applicable
4. Summarized description:
 - 4.1. Tyre-size designation : 315/70R22.5
 - 4.2. Category of use : ~~normal~~/snow/special ⁽¹⁾
 - 4.3. Structure : ~~diagonal (bias-ply)~~/radial ⁽¹⁾
 - 4.4. Tyre class : ~~C2~~/C3 ⁽¹⁾

Approval number: E4*54R00/25*51710*01

- 4.5. Speed category symbol:
- 4.5.1. nominal : L
- 4.5.2. additional (if applicable) : M
- 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 : IDIADA Automotive Technology, S.A.
L'Albornar, P.O. Box 20
43710 Santa Oliva (Tarragona)
Spain
6. Date of report issued by that service : November 08, 2022
April 28, 2023
7. Number of report issued by that service : CN22101015
CN23041313
8. Reason(s) for extension (if applicable) : Addition of brand name and trade descriptions;
Upgrade of regulation supplement number;
Upgrade of sidewall drawings.
9. Any remarks : ---
10. Place : Zoetermeer
11. Date : 10 May 2023
12. Signature :
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 ECE 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.



T. H. K. Spatz

⁽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.

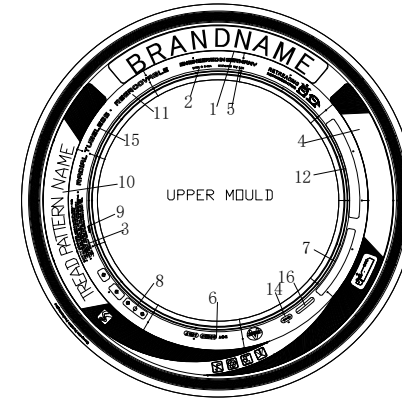
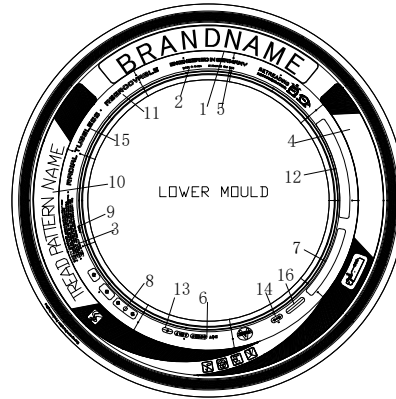
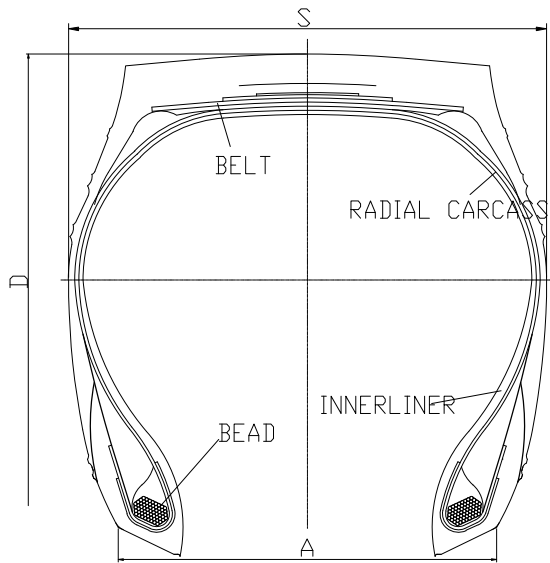
TECHNICAL DOCUMENTATION

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

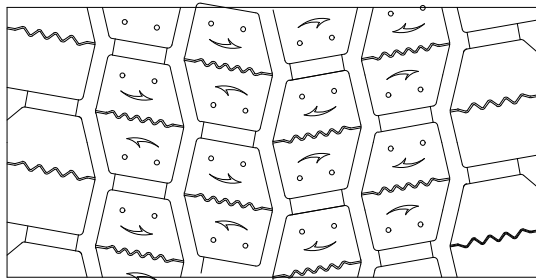
~~APPROVAL~~ Grant / Extension / Correction

1. Trade name or trade mark on the tyre : AUFINE; MAXELL;FLYBULL
2. Tyre type designation by the manufacturer : SMART ADR8; MASTER MAS600;SUPER LD2;
APEX ADR9;ECOMAX LD6;ENDURO FDR2;
EDEMUN FDR2;
3. Manufacturer's name and address : Wanli Tire Corporation Limited
3 Wanli Road, Aotou Town, Conghua 510940 Guangzhou
City, Guangdong Province China (PRC)
4. Name and address of manufacturer's representative : not applicable
5. Summarized description
- 5.1 Size designation : 315/70R22.5
- 5.2 Category of use : ~~normal~~/ snow/~~special use~~
- 5.3 Structure : ~~diagonal (bias ply)~~ / radial
- 5.4 Tyre Class : ~~C2~~/C3
- 5.5 Speed category symbol
- 5.5.1 nominal : L
- 5.5.2 additional(if applicable) : M
- 5.6 Load capacity indices
- 5.6.1 corresponding to nominal speed : single: 156 twined(dual): 150
- 5.6.2 corresponding to additional speed : single: 154 twined(dual): 150
6. Overall dimensions : ~~Annex 5~~/ calculated
- Section width/ Measured max overall SW : 314.1;310.3
- Outer diameter/ Measured max outer diameter : 1021.5;1022.7
7. Factor "X" : 0.75
8. Ply-rating number for diagonal (bias ply) tyres : not applicable
9. Rims on which the tyre can be mounted : 9.00; 9.75
10. Measuring rim and test rim : 9.00
11. State whether the tyre is : tubeless/~~tube type~~
12. inflation pressure and index for measuring and testing : see attached test report
13. Submitted for approval on (date) : Apr.20.2022

Signature:



TREAD PATTERNS



<46 BLOCKS>

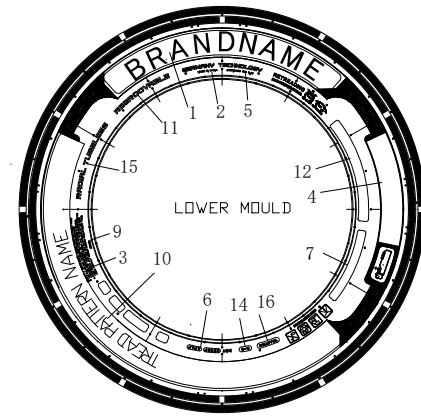
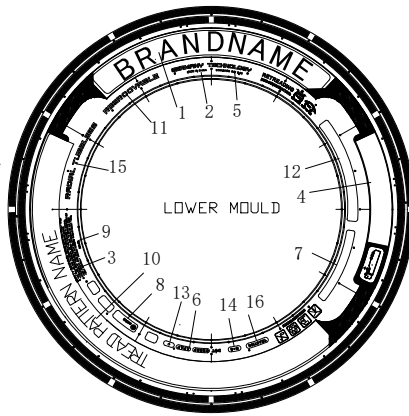
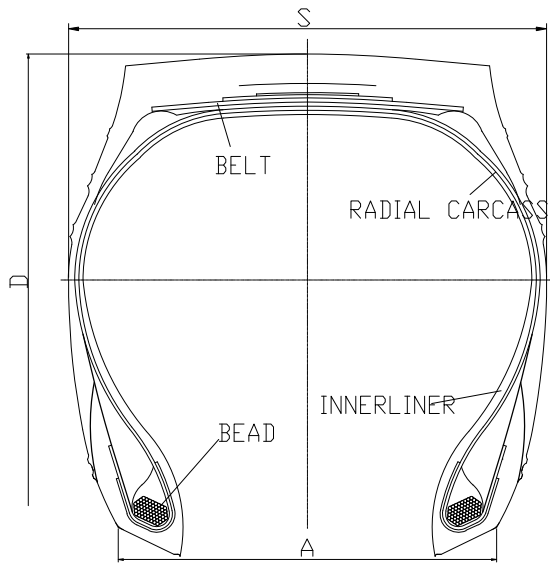
TABLE 1

BRAND NAME	TREAD PATTERN NAME
AUFINE	SMART ADR8;MASTER MAS600
MAXELL	SUPER LD2

16	TRACTION	
15	RADIAL TUBELESS	
14	M+S	
13	*** (DATE CODE)	
12	L. R. L 20PR	PLIES:TREAD STEEL 5 SIDEWALL STEEL 1 MAX.LOAD SINGLE 4000kg(8820lbs) AT 900kPa(130psi) COLD MAX.LOAD DUAL 3350kg(7390lbs) AT 900kPa(130psi) COLD
11	REGROOVABLE	
10	TREAD PATTERN NAME (SEE THE TABLE 1 ON THE LEFT)	
9	*** (MOLD NUMBER)	
8	(E4) XXXXXX S2WR2 XXXXXX	
7	315/70R22.5	156/150L (154/150M) 20PR AT 900kPa
6	DOT 026BM ***	
5	STANDARD RIM 9.00	
4	315/70R22.5	
3	SAFETY WARNING	
2	MADE IN CHINA	
1	BRAND NAME (SEE THE TABLE 1 ON THE LEFT)	
	LOWER MOULD	UPPER MOULD

	315/70R22.5	156/150 (154/150)	L(M)	TL	1014	312	228.6
	TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	D(mm)	S(mm)	A(mm)

Approve by:	孙宗涛	Check by:	顾伟	Draft by:	鉴继超	Page 1 of 2
-------------	-----	-----------	----	-----------	-----	-------------



TREAD PATTERNS

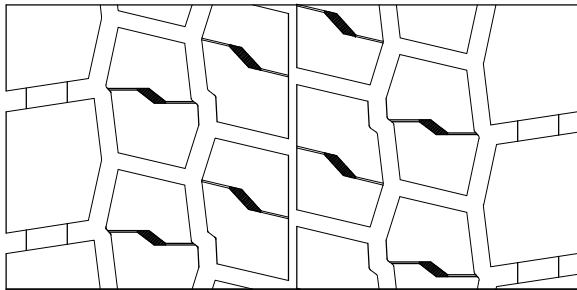


TABLE 1 (46 BLOCKS)

BRAND NAME	TREAD PATTERN NAME
AUFINE	APEX ADR9
MAXELL	ECOMAX LD6
FLYBULL	ENDURD FDR2;EDEMUN FDR2

16	TRACTION	
15	RADIAL TUBELESS	
14	M+S	
13	**** (DATE CODE)	
12	L. R. L 20PR	PLIES:TREAD STEEL 5 SIDEWALL STEEL 1 MAX. LOAD SINGLE 4000kg(8820lbs) AT 900kPa(130psi) COLD MAX. LOAD DUAL 3350kg(7390lbs) AT 900kPa(130psi) COLD
11	REGROOVABLE	
10	TREAD PATTERN NAME (SEE THE TABLE 1 ON THE LEFT)	
9	**** (MOLD NUMBER)	
8	(E4) XXXXXX S2WR2 XXXXXX	
7	315/70R22.5	156/150L (154/150M) 20PR AT 900kPa
6	DOT 026BM ****	
5	STANDARD RIM 9.00	
4	315/70R22.5	
3	SAFETY WARNING	
2	MADE IN CHINA	
1	BRAND NAME (SEE THE TABLE 1 ON THE LEFT)	
	LOWER MOULD	UPPER MOULD

	315/70R22.5	156/150 (154/150)	L(M)	TL	1014	312	228.6
	TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	D(mm)	S(mm)	A(mm)

Approve by:	孙宗涛	Check by:	顾伟	Draft by:	鉴继超	Page 2 of 2
-------------	-----	-----------	----	-----------	-----	-------------

REPORT No. CN23041313**APPROVAL OF PNEUMATIC TYRES FOR COMMERCIAL VEHICLES
AND THEIR TRAILERS REFERRING TO UN REGULATION NO. 54R00/25**

Approval number : E4*54R00/25*51710*01

Applicant : Wanli Tire Corporation Limited
3 Wanli Road Aotou Town, Conghua
510940 Guangzhou City,
Guangdong Province China (PRC)

Manufacturer : Wanli Tire Corporation Limited
3 Wanli Road Aotou Town, Conghua
510940 Guangzhou City,
Guangdong Province China (PRC)

Brand-name(s)/trademark(s) : AUFINE; MAXELL; FLYBULL

Trade description(s)/Commercial name(s) : SMART ADR8; MASTER MAS600;
SUPER LD2; APEX ADR9;
ECOMAX LD6; ENDURO FDR2;
EDEMUN FDR2

Tyre size designation : 315/70R22.5

Place and date of test report issue : L'Albornar, Santa Oliva (Tarragona)
28/04/2023

CONCLUSIONS: Modification introduced to the tyre, as detailed in the annex to this report, grant grounds for approval extension with respect to formerly certified tyre-type, and FULFILS the specifications relating to the approval of pneumatic tyres for motor vehicles according to Supplement 25 to the original version of the Regulation 54.00.

Performed by:

Revised by:

Zhu Yuan
HOMOLOGATION ENGINEERJosep Masip Gomez
DEPARTMENT MANAGER

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
* THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

ANNEX TO THE REPORT

Reason(s) for extension:

- Addition of brand name and trade descriptions;
- Upgrade of regulation supplement number;
- Upgrade of sidewall drawings;
- The test report No. CN22101015 issued on the date of November 08, 2022 by IDIADA Automotive Technology S.A. is valid and unnecessary to perform re-testing.

Test results are as follows:

1. TECHNICAL DESCRIPTION OF THE PNEUMATIC TYRE:

Brand-name(s)/trademark(s)	:	AUFINE		
Trade description(s)/Commercial name(s)	:	SMART ADR8		
Tyre-size designation	:	315/70R22.5		
Category of use	:	normal / snow / special		
Structure	:	diagonal / bias-belted / radial		
Speed category index	:	nominal	:	L
		additional	:	M
Load-capacity index	:	nominal:	single	: 156
			twinned	: 150
		additional:	single	: 154
			twinned	: 150
X of the manufacturer /	:	0.75		
Tyre cross-section	:	See technical documentation		

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594

IDIADA CN23041313

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
 * THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

➤ **Attachment 1: Test result of Nominal Load/Speed Combination (156/150L)**

2. TYRE MARKING

2.1. Compulsory Marking

Approval mark

Approval mark Height > 12 mm : Yes

Tyre definition marking height

Tyre size > 6 mm : Yes

Load and speed index > 6 mm : Yes

2.2. Additional Marking

“M+S” / “M.S” / “M&S” : Yes

“TUBELESS” : Yes

Index of inflation pressure : 900 kPa

Ply rating : 20PR

“ET” / “ML” / “MPT” : N.A.

“REGROOVABLE” : Yes

Date of manufacture : 4122

Height of these marking > 4 mm : Yes

3. TEST RESULTS.

Sample Reception date : 21/10/2022

Place and test dates : 22/10/2022-24/10/2022
Wanli Testing Center (Hefei, China)

Sample Id. : CN22101015-1

Measure rim code : 9.00 × 22.5”

Test rim Code : 9.00 × 22.5”

3.1. Pneumatic tyre measurement

Mounting pressure in **measuring rim** : **P(1m) = 9.0 bar**

Conditioning temperature : **Temp. = 26 °C**

Adjusted pressure before conditioning : **P(2m) = 9.0 bar**

Readjusted pressure after **24** hour : **P(3m) = 9.0 bar**

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
* THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

3.1.1. Tyre width measurement:

Measures of **overall width** at six equally-spaced points:

Point	Overall width (mm)
1	310.6
2	310.8
3	311.2
4	312.0
5	314.1
6	312.6
Point	Maximum width (mm)
5	314.1

3.1.2. Tyre section width calculation:

S = 312 (mm) given by Annex 5/Calculation

Or

$$S = S_1 + K(A - A_1)$$

Nominal section width (mm)	315
K coefficient	0.4
Measuring rim Width (mm)	228.6
X of the manufacturer	0.75
Theoretical rim Width (mm)	236.25

Maximum measured width (mm)	Section width (mm)	Difference (%)
$S_M = 314.1$	$S = 312$	0.67

The overall width of a tyre may be less than the section or exceed the value by the following percentages: 8% structure diagonal; 4 % structure radial. For section width exceed 305mm shall not exceed the value by the following percentages: 4% structure diagonal; 2 % structure radial of nominal aspect higher than 60.

FULFILS / DOES NOT FULFIL

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
 * THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

3.1.3. Outer diameter measurement

Maximum circumference (mm)	Outer diameter (mm) $D_{i\ ext} = \frac{L}{\pi}$
3209	1021.5

3.1.4. Tyre outer diameter calculation:

$$D = d + 2H$$

Conventional number of the nominal rim(mm)	d = 572 mm
Nominal section width (mm)	315
Nominal aspect ratio	70
Factor a	0.97
Factor b	Radial: 1.04 (Normal), 1.06(Special) Diagonal: 1.07 (Normal), 1.09(Special)
Nominal section height (mm)	H = 221 mm

Dmin $D_{min} = d + 2(H \times a)$	Outer diameter D (measured)	Dmax $D_{max} = d + 2(H \times b)$
1000 mm	1021.5 mm	1042 mm
Dmin < D < Dmax		

FULFILS / DOES NOT FULFIL

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594

IDIADA CN23041313

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
 * THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

3.2 Load/speed performance test

3.2.1 For tyres with speed category symbol Q and above:

Test Conditions

Speed category	N.A.
Load capacity index	N.A.
Maximum velocity (km/h)	N.A.
Test axle load (kg)	N.A.
Maximum speed during the test (km/h)	N.A.
Load of axle during the test (kg)	N.A.
Inflation tyre pressure before conditioning(kpa)	N.A.
Conditioning time wheel-tyre assembly(hour)	N.A.
Readjusted tyre pressure after conditioning (kpa)	N.A.
Test wheel diameter (m)	N.A.
Temperature (°C)	N.A.

Test cycle

Step	Duration (min)	Speed (km/h)
1	N.A.	N.A.
2	N.A.	N.A.
3	N.A.	N.A.
4	N.A.	N.A.
TOTAL	N.A.	

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
 * THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

3.2.2 Tyres with speed category symbol P and below:

Test Conditions

Speed category	L
Load capacity index	156
Maximum velocity (km/h)	120
Test drum speed during the test (km/h)	64
Load of axle during the test (kg) (100%)	4000
Inflation tyre pressure before conditioning(kpa)	900
Conditioning time wheel-tyre assembly(hour)	3
Readjusted tyre pressure after conditioning (kpa)	900
Test wheel diameter (m)	1.7
Temperature (°C)	20-30

Test cycle

Step	Duration (h)	Load (kg)	
1	7	66%	2640.0
2	16	84%	3360.0
3	24	101%	4040.0
TOTAL	47		

3.2.3 Tyre measurement

Outer diameter measurement at the start of test	N.A.
Outer diameter measurement at the end of test	N.A.
Percentage of the change in outer diameter measurement (%)	N.A.

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
 * THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

3.3. Test results

3.3.1. The outer diameter of the tyre, measured six hours after the load/speed endurance test, must not differ by more than $\pm 3.5\%$ from the outer diameter as measured before the test.

~~FULFILS / DOES NOT FULFIL~~

3.3.2. Once passed the load/speed endurance test, the tyre must not exhibit any tread separation, ply separation, cord separation, chunking or broken cords.

~~FULFILS / DOES NOT FULFIL~~

Test Place : Wanli Testing Center (Hefei, China)
 Test Date : 22/10/2022-24/10/2022

➤ **Attachment 2: Test result of Additional Load/Speed Combination (154/150M)**

4. TYRE MARKING

4.1. Compulsory Marking

Approval mark

Approval mark Height > 12 mm : Yes

Tyre definition marking height

Tyre size > 6 mm : Yes

Load and speed index > 6 mm : Yes

4.2. Additional Marking

“M+S” / “M.S” / “M&S” : Yes

“TUBELESS” : Yes

Index of inflation pressure : 900 kPa

Ply rating : 20PR

“ET” / “ML” / “MPT” : N.A.

“REGROOVABLE” : Yes

Date of manufacture : 4122

Height of these marking > 4 mm : Yes

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
 * THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

5. TEST RESULTS.

Sample Reception date : 29/10/2022
Place and test dates : 30/10/2022-04/11/2022
Wanli Testing Center (Hefei, China)
Sample Id. : CN22101015-2
Measure rim code : 9.00 × 22.5”
Test rim Code : 9.00 × 22.5”

5.1. Pneumatic tyre measurement

Mounting pressure in **measuring rim** : **P(1m) = 9.0 bar**
Conditioning temperature : **Temp. = 24 °C**
Adjusted pressure before conditioning : **P(2m) = 9.0 bar**
Readjusted pressure after **24** hour : **P(3m) = 9.0 bar**

5.1.1. Tyre width measurement:

Measures of **overall width** at six equally-spaced points:

Point	Overall width (mm)
1	310.0
2	309.5
3	310.0
4	309.7
5	310.2
6	310.3
Point	Maximum width (mm)
6	310.3

5.1.2. Tyre section width calculation:

S = 312 (mm) given by Annex 5/Calculation

Or

$$S = S_1 + K(A - A_1)$$

Nominal section width (mm)	315
K coefficient	0.4
Measuring rim Width (mm)	228.6
X of the manufacturer	0.75
Theoretical rim Width (mm)	236.25

Maximum measured width (mm)	Section width (mm)	Difference (%)
S_M = 310.3	S = 312	-0.54

The overall width of a tyre may be less than the section or exceed the value by the following percentages: 8% structure diagonal; 4 % structure radial. For section width exceed 305mm shall not exceed the value by the following percentages: 4% structure diagonal; 2 % structure radial of nominal aspect higher than 60.

FULFILS / DOES NOT FULFIL

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
 * THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

5.1.3. Outer diameter measurement

Maximum circumference (mm)	Outer diameter (mm) $D_{i\ ext} = \frac{L}{\pi}$
3213	1022.7

5.1.4. Tyre outer diameter calculation:

$$D = d + 2H$$

Conventional number of the nominal rim(mm)	d = 572 mm
Nominal section width (mm)	315
Nominal aspect ratio	70
Factor a	0.97
Factor b	Radial: 1.04 (Normal), 1.06(Special) Diagonal: 1.07 (Normal), 1.09(Special)
Nominal section height (mm)	H = 221 mm

Dmin $D_{min} = d + 2(H \times a)$	Outer diameter D (measured)	Dmax $D_{max} = d + 2(H \times b)$
1000 mm	1022.7 mm	1042 mm
Dmin < D < Dmax		

FULFILS / DOES NOT FULFIL

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
 * THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

5.2 Load/speed performance test

5.2.1 For tyres with speed category symbol Q and above:

Test Conditions

Speed category	N.A.
Load capacity index	N.A.
Maximum velocity (km/h)	N.A.
Test axle load (kg)	N.A.
Maximum speed during the test (km/h)	N.A.
Load of axle during the test (kg)	N.A.
Inflation tyre pressure before conditioning(kpa)	N.A.
Conditioning time wheel-tyre assembly(hour)	N.A.
Readjusted tyre pressure after conditioning (kpa)	N.A.
Test wheel diameter (m)	N.A.
Temperature (°C)	N.A.

Test cycle

Step	Duration (min)	Speed (km/h)
1	N.A.	N.A.
2	N.A.	N.A.
3	N.A.	N.A.
4	N.A.	N.A.
TOTAL	N.A.	

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
 * THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

5.2.2 Tyres with speed category symbol P and below:

Test Conditions

Speed category	M
Load capacity index	154
Maximum velocity (km/h)	130
Test drum speed during the test (km/h)	72
Load of axle during the test (kg) (100%)	3750
Inflation tyre pressure before conditioning(kpa)	900
Conditioning time wheel-tyre assembly(hour)	3
Readjusted tyre pressure after conditioning (kpa)	900
Test wheel diameter (m)	1.7
Temperature (°C)	20-30

Test cycle

Step	Duration (h)	Load (kg)	
1	7	66%	2475.0
2	16	84%	3150.0
3	24	101%	3788.0
TOTAL	47		

5.2.3 Tyre measurement

Outer diameter measurement at the start of test	N.A.
Outer diameter measurement at the end of test	N.A.
Percentage of the change in outer diameter measurement (%)	N.A.

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
 * THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

5.3. Test results

5.3.1. The outer diameter of the tyre, measured six hours after the load/speed endurance test, must not differ by more than $\pm 3.5\%$ from the outer diameter as measured before the test.

FULFILS / DOES NOT FULFIL

5.3.2. Once passed the load/speed endurance test, the tyre must not exhibit any tread separation, ply separation, cord separation, chunking or broken cords.

FULFILS / DOES NOT FULFIL

Test Place : Wanli Testing Center (Hefei, China)

Test Date : 30/10/2022-04/11/2022

Zhu Yuan
HOMOLOGATION ENGINEER

* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
* THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN