ISO 10191:2021 (E)

Passenger car tyres — Verifying tyre capabilities — Laboratory test methods

Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 Test equipment and conditions

5 Testing of tyres with diagonal or bias-belted structure and of T-type temporary-use spare tyres

- 5.1 Endurance test
- 5.1.1 Preparation of tyre
- 5.1.2 Test procedure
- 5.2 High-speed test
- 5.2.1 General
- 5.2.2 Preparation of tyre
- 5.2.3 Test method
- 5.3 Strength test
- 5.4 Bead unseating test (of tubeless tyres)

6 Requirements for tyres with diagonal or bias-belted structure and for T-type temporary-use spare tyres

- 6.1 Test sample
- 6.2 Endurance test
- 6.3 High-speed test
- 6.4 Strength test
- 6.5 Bead unseating test (of tubeless tyres)

7 Testing of radial tyres

- 7.1 Endurance test and low-pressure performance test
- 7.1.1 Preparation of tyre
- 7.1.2 Test procedure for endurance test
- 7.1.3 Preparation of tyre for low-pressure performance test
- 7.2 High-speed test
- 7.2.1 General
- 7.2.2 Preparation of tyre
- 7.2.3 Test method for tyres with speed symbols F, G, J, K, L, M, N, P, Q, R or S
- 7.2.4 Test method for tyres with speed symbols T, U, H, V, W or Y
- 7.2.5 Test method for tyres with the code letters ZR in the size designation and both the load index and the speed symbol Y placed within parentheses intended for use at speeds greater than 300 km/h

8 Requirements for radial tyres

- 8.1 Test sample
- 8.2 Endurance test and low-pressure performance test
- 8.3 High-speed test

Annex A (informative) High-speed test — Test conditions for tyres without service description marking

- A.1 General
- A.2 Test conditions
- A.2.1 Inflation pressure
- A.2.2 Load capacity/speed category

Page count: 16