

Changes to legislation: There are outstanding changes not yet made to Regulation (EC) No 661/2009 of the European Parliament and of the Council. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

ANNEX II

Requirements for tyres with regard to wet grip, rolling resistance and rolling noise

PART A —

WET GRIP REQUIREMENTS

Class C1 tyres shall meet the following requirements:

Category of use	Wet grip index (G)
snow tyre with a speed symbol ('Q' or below, excluding 'H') indicating a maximum permissible speed not greater than 160 km/h	$\geq 0,9$
snow tyre with a speed symbol ('R' and above, including 'H') indicating a maximum permissible speed greater than 160 km/h	$\geq 1,0$
normal (road type) tyre	$\geq 1,1$

PART B —

ROLLING RESISTANCE REQUIREMENTS

The maximum values for the rolling resistance coefficient for each tyre type, measured in accordance with ISO 28580, shall not exceed the following:

TABLE 1

Tyre class	Max value (kg/tonne)1st stage
C1	12,0
C2	10,5
C3	8,0

TABLE 2

Tyre class	Max value (kg/tonne)2nd stage
C1	10,5
C2	9,0
C3	6,5

[^{X1}For snow tyres, the limits in Table 1 and Table 2 shall be increased by 1 kg/tonne.]

Editorial Information

X1 Substituted by Corrigendum to Regulation (EC) No 661/2009 of the European Parliament and of the Council of 13 July 2009 concerning type-approval requirements for the general safety of motor vehicles,

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their trailers and systems, components and separate technical units intended therefor (Official Journal of the European Union L 200 of 31 July 2009).

PART C —

ROLLING NOISE REQUIREMENTS

1. The noise levels determined in accordance with the procedure specified in the implementing measures to this Regulation shall not exceed the limits designated in points 1.1 or 1.2. The Tables in points 1.1 and 1.2 represent the measured values corrected for temperature, except in the case of C3 tyres, and instrument tolerance, and are rounded down to the nearest whole value.

1.1. Class C1 tyres, with reference to the nominal section width of the tyre that has been tested:

Tyre class	Nominal section width (mm)	Limit values in dB(A)
C1A	≤ 185	70
C1B	> 185 ≤ 215	71
C1C	> 215 ≤ 245	71
C1D	> 245 ≤ 275	72
C1E	> 275	74

For snow tyres, extra load tyres or reinforced tyres, or any combination of these classifications, the above limits shall be increased by 1 dB(A).

1.2. Class C2 and C3 tyres, with reference to the category of use of the range of tyres:

Tyre class	Category of use	Limit values in dB(A)
C2	Normal tyres	72
	Traction tyres	73
C3	Normal tyres	73
	Traction tyres	75

For special use tyres, the above limits shall be increased by 2 dB(A). An additional 2 dB(A) shall be allowed for snow tyres in the C2 traction tyre category. For all other categories of C2 and C3 tyres, an additional 1 dB(A) shall be allowed for snow tyres.

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Changes and effects yet to be applied to the whole legislation item and associated provisions

- Signature words omitted by [S.I. 2022/1273 reg. 55\(11\)](#)
- Art. 12(2)(b) words substituted by [S.I. 2022/1273 reg. 55\(5\)](#)
- Art. 13(2)(a) words substituted by [S.I. 2022/1273 reg. 55\(7\)\(b\)\(ii\)](#)
- Art. 13(2)(b) word substituted by [S.I. 2022/1273 reg. 55\(7\)\(b\)\(iii\)](#)
- Art. 13(5)(a) words substituted by [S.I. 2022/1273 reg. 55\(7\)\(e\)](#)
- Art. 13(6)(a) words substituted by [S.I. 2022/1273 reg. 55\(7\)\(e\)](#)
- Art. 13(9)(a) words substituted by [S.I. 2022/1273 reg. 55\(7\)\(e\)](#)
- Art. 13(10)(a) words substituted by [S.I. 2022/1273 reg. 55\(7\)\(e\)](#)
- Art. 13(15)(a) words substituted by [S.I. 2022/1273 reg. 55\(7\)\(j\)\(i\)](#)
- Art. 13(15)(a) words substituted by [S.I. 2022/1273 reg. 55\(7\)\(j\)\(ii\)](#)
- Art. 14(1)(b) words omitted by [S.I. 2022/1273 reg. 55\(8\)\(b\)](#)
- Art. 14(1)(f) words substituted by [S.I. 2022/1273 reg. 55\(8\)\(c\)](#)
- Art. 14(3)(b) omitted by [S.I. 2022/1273 reg. 55\(8\)\(e\)\(ii\)](#)