



Mercedes-Benz



2019

Mercedes-Benz C-Class

C220d 4Matic 4x4 diesel automatic






























10.0 
/10

Clean Air
Index

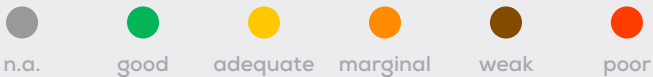
5.3 
/10

Energy Efficiency
Index

Clean Air Tests

 <u>Laboratory test</u>		HC	CO	NO _x	PN
9.0/9	Cold Test*				
3.0/3	Warm Test#				
3.0/3	Eco Mode#				
3.0/3	Sport Mode#				
9.0/9	Highway#				
 <u>Road test</u>					
7.0/7	On-Road Drive*				
 <u>Robustness</u>					

* Adapted regulatory test # Additional Green NCAP tests



Comments

The C220d 4Matic performs exceptionally well, with very low values of pollutant emissions in all tests. The car scores maximum points for the Clean Air Index, the first non-electric vehicle tested by Green NCAP to do so.



Laboratory test

Energy

6.6/10 Cold Test*



2.3/3 Warm Test#



2.3/3 Eco Mode#



2.2/3 Sport Mode#



4.7/10 Highway#



Consumption

Fuel

Average consumption

5.7 l/100 km

Worst-case consumption

6.8 l/100 km

* Adapted regulatory test # Additional Green NCAP tests



n.a.



good



adequate



marginal



weak



poor

Comments

Performance in most tests is adequate. In the cold test and the high-load highway test, energy efficiency is marginal, and it is the latter that the maximum fuel consumption of 6.8 l/100 km is recorded, still a creditable result for a large family car with a diesel engine.

Additional Information

Greenhouse Gases **

CO₂

Cold Test*



Warm Test#



Eco Mode#



Sport Mode#



Highway#



* Adapted regulatory test # Additional Green NCAP tests

** For indication only. The assessment of greenhouse gases does not currently form part of the rating.



n.a.



good



adequate



marginal



weak



poor

Our verdict

Mercedes-Benz's fourth generation C-Class, tested here with as the C220d 4Matic, puts paid to the notion that diesel engines are necessarily dirty. With selective catalyst reduction and a diesel particulate filter, the C220d 4Matic delivers exceptionally good results for low pollutant emissions and becomes the first non-electric vehicle tested by Green NCAP to achieve a full score in the Clean Air index. With good performance in all of the lab and on-road tests, the results show that, with careful calibration and effective after-treatment, diesel engine cars can deliver extremely low emissions.

The car's energy efficiency is less exceptional and pulls the overall star rating down to three. Fuel consumption is not much worse in sports mode than it is in normal drive mode, but nor is it noticeably better in eco mode.

Overall, the C220d 4Matic is a strong performer, with excellent results for low pollutant emissions.

Year of Publication

2019

Tested Car

WDD2050151F89XXXX

Emissions Class

Euro 6d-temp

Mass

1,590 kg

Engine Size

1,950 cc

Engine Power/Torque

143 kW/400 Nm

Tyres

225/50 R17

Published CO₂

166 g/km



Think before you print