



2021

FIAT Panda

1.2 8V petrol 4x2 manual



4.3
/10 

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Clean Air Tests



Laboratory Test

	NMHC	NO _x	NH ₃	CO	PN
4.7/10 Cold Test	adequate	adequate	marginal	weak	weak
6.2/10 Warm Test	good	adequate	adequate	marginal	weak
0.0/10 Cold Ambient Test	poor	adequate	weak	poor	weak
0.0/10 Highway	good	good	adequate	poor	weak



Road Test

5.6/10 On-Road Drive	n.a.	good	n.a.	adequate	weak
5.1/8 On-Road Heavy Load	n.a.	good	n.a.	good	weak
3.3/5 On-Road Light Load	n.a.	good	n.a.	good	weak
3.3/5 On-Road Short Trip	n.a.	adequate	n.a.	marginal	marginal
2.0/2 Congestion	n.a.	good	n.a.	n.a.	n.a.



Robustness



n.a.



good



adequate



marginal



weak



poor

Comments

The 1.2 petrol-engined Panda shows reasonable control of its pollutant emissions. Particulate number is not excessive, even in the more challenging tests and the car picks up a lot of points for its very low values of CO and NO_x emissions, particularly in the on-road tests.

Energy Efficiency Tests



Laboratory Test

Energy

6.4/10 Cold Test



6.7/10 Warm Test



5.2/10 Cold Ambient Test



4.8/10 Highway



Consumption

Driving Range

Average

6.3 l/100 km

678 km

Worst-case

7.1 l/100 km

557 km



n.a.



good



adequate



marginal



weak
















poor

Comments

For a car that weighs so little – barely a tonne – energy efficiency is not outstanding. An average of 6.3 l/100 km is far from class-leading with the small engine being made to work hard in some of the laboratory tests.

4.8 Greenhouse Gases Tests

/10

	<u>Greenhouse gases</u>	CO ₂	N ₂ O	CH ₄
3.6/7	Cold Test			
3.9/7	Warm Test			
3.1/7	Cold Ambient Test			
3.2/7	Highway			



n.a.



good



adequate



marginal



weak



poor

Comments


Emissions of greenhouse gases, especially those of N₂O and CH₄ which are unregulated by legislation, are impressively low, while that of CO₂ is not excessive in any of the laboratory tests.

Our Verdict

The Panda, first introduced in 1980 and since 2011 in its third generation, remains part of a FIAT model line-up that has remained largely unchanged for several years. The car is tested here with the four cylinder 1.2 litre petrol engine, now Euro 6d-Temp compliant. With only a three-way catalyst by way of exhaust after-treatment, control of pollutant emissions is limited and, in the more challenging tests - cold ambient temperature, high-load highway - CO is high enough for all points to be lost. However, even without a gasoline particulate filter, particulate number is never excessive, in the laboratory or on the road. Energy efficiency is not impressive for such a small car. Overall, the Panda 1.2 petrol delivers respectable performance all-round and achieves a fair 2½ star rating.

Disclaimer

Publication Date	Tested Car	Emissions Class	Tyres
02 2021	ZFA31200003C9xxxx	Euro 6d-Temp	185/55 R15 82T
Mass	Engine Size	Engine Power/Torque	Published CO ₂
999 kg	1,242 cc	51 kW/102 Nm	136 g/km
Declared Battery Capacity	Published Driving Range		
n.a.	n.a.		

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