

TEST RESULTS

Dacia Sandero

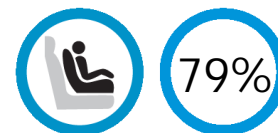
Dacia Sandero 1.2 base, LHD

2013



80%

ADULT OCCUPANT



79%

CHILD OCCUPANT



57%

PEDESTRIAN



55%

SAFETY ASSIST

ADULT OCCUPANT

Total 29 pts | 80%

FRONTAL IMPACT

12,8 pts



Driver



Passenger

SIDE IMPACT CAR

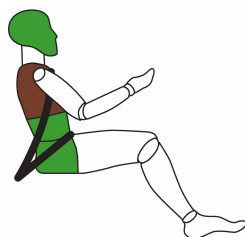
7,5 pts

SIDE IMPACT POLE

6,4 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,1 pts



	GOOD
	ADEQUATE
	MARGINAL
	WEAK
	POOR

FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	42mm
Steering wheel rearward	none
Steering wheel upward	29mm
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	none
Concentrated loads on knees	none

LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	Brake - 70.8mm
Upward pedal movement	Clutch - 32mm

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Base, cloth, 2 way manual
Head restraint type	Passive
Geometric assessment	1,9 pts

TESTS

- High severity	1,2 pts
- Medium severity	1,7 pts
- Low severity	1 pts

TEST RESULTS

CHILD OCCUPANT

Total 39 pts | 79%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint Britax Roemer BabySafe ISOFIX
Facing rearward facing
Installation ISOFIX and Supportleg



PERFORMANCE **12 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

3 YEAR OLD CHILD

Restraint Britax Roemer Duo ISOFIX
Facing forward facing
Installation ISOFIX and TopTether



PERFORMANCE **10,4 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isofix

Safety features score **5 pts**
Installation check score **11,8 pts**

Pass Install without problem
Partial Fail Install with care
Fail Safety critical problem
Exempt Installation not allowed

	SEAT POSITION							
	FRONT		2nd ROW			3rd ROW		
	CENTER	RIGHT	LEFT	CENTER	RIGHT	LEFT	CENTER	RIGHT
Maxi Cosi Cabriofix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer King Plus (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Pass	Pass	Pass	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Pass	Pass	Fail	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
BeSafe iZi Kid X3 Isofix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer BabySafe + ISOFIX Base (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A

PEDESTRIAN

Total 21 pts | 57%



- GOOD
- ADEQUATE
- MARGINAL
- WEAK
- POOR

HEAD	14,8 pts
PELVIS	0 pts
LEG	6 pts

SAFETY ASSIST

Total 5 pts | 55%

SPEED ASSISTANCE SYSTEM 0 pts

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- ESP Pass

Yaw rate ratio (1.00s) 1,74 %

Yaw rate ratio (1.75s) 2,77 %

Lateral displacement (1.07s) 2,92 m

SEATBELT REMINDER 2 pts

- driver and passenger Pass

- rear Not Assessed

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Dacia Sandero 1.2 base, LHD
Body type	5 door hatchback
Year of publication	2013
Kerb weight	980kg
VIN from which rating applies	from UU15SDGG548819069

SAFETY EQUIPMENT

Front seatbelt pretensioners
Front seatbelt load limiters
Driver frontal airbag
Front passenger frontal airbag
Side body airbags
Side head airbags
Electronic Stability Control

Seatbelt Reminder

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Dacia showed that a similar level of protection would be provided for occupants of different sizes and to those sat in different positions. In the side barrier test, protection of the chest was adequate and that of the other body regions was good. However, in the more severe side pole test, dummy readings of chest compression indicated weak protection of the chest. The seat and head restraints provided marginal protection to the front seat occupants against whiplash injury in the event of a rear-end impact.

Child occupant

Based on dummy readings in the dynamic tests, the Sandero scored maximum points for its protection of the 18 month dummy, sat in a rearward-facing restraint. Forward movement of the 3 year dummy, sat in a forward-facing restraint, was not excessive in the frontal impact. In the side impact, both dummies were properly contained by the shells of their restraints, minimising the likelihood of dangerous head contact with parts of the car interior. The passenger airbag can be disabled to allow a rearward-facing restraint to be used in that seating position. However, information provided to the driver regarding the status of the airbag is not clear and the system was not rewarded.

Pedestrian

The bumper scored maximum points for the protection offered to pedestrians' legs. However, the front edge of the bonnet offered poor protection to the pelvis area. In those areas where a child's head might strike the bonnet, adequate protection was offered but it was mostly poor in the areas likely to be struck by the head of an adult.

Safety assist

Electronic stability control is standard equipment and passed Euro NCAP's test requirements. A seatbelt reminder is provided for the front seats but no system is available in the rear.