

# KNCAP Overall Rating 2017

Protocol 2017



Category	Impact Safety	Pedestrian Safety	Driving Safety	
	Full Width Frontal 16	Head Impact 24	Rollover 5	
	Offset Deformable Barrier 16	Leg Impact 6	Braking 5	
	Barrier Side Impact 16		<i>Basic Active Devices:</i>	
	Child Protection 8		FCWS 0.5	
	Whiplash 4		LDWS 0.5	
	Pole Side Impact (optional <sup>1</sup> ) (2)		SLD 0.5	
			SBR front 0.5	
			SBR rear 0.5	
			AEB Inter-Urban 1	
			AEB City 1.5	
max. total points (1)	60 points	30 points	15 points	
normalized score (2)	actual points / (1)	actual points / (1)	actual points / (1)	
weighting (3)	60 %	25 %	15 %	
weighted score (4)	(2) x (3)	(2) x (3)	(2) x (3)	Overall score (5)
additional scores (5)	<i>Additional Active Devices: (optional <sup>1</sup>):</i> ASCC (0.5); BSD (0.5); RCTA (0.5); LKAS (0.5); ISA (0.5); AEB Pedrian (1); Advanced Airbag (1) - <i>Max. total points for Additional Active Devices = 2</i>			$\Sigma$ (4)+(5) max. 100

**Overall classification:** Minimum normalized scores (2) and total score (6) per rating class

Grade	Impact Safety	Pedestrian Safety	Driving Safety	Total
1 <sup>st</sup> Grade	≥ 90.1 %	≥ 60.1 %	-	≥ 86.1 %
2 <sup>nd</sup> Grade	≥ 83.1 %	≥ 50.1 %	-	≥ 81.1 %
3 <sup>rd</sup> Grade	≥ 76.1 %	≥ 40.1 %	-	≥ 76.1 %
4 <sup>th</sup> Grade	≥ 69.1 %	≥ 35.1 %	-	≥ 71.1 %
5 <sup>th</sup> Grade	≤ 69.0 %	≤ 35.0 %	-	≤ 71.0 %

**Star rating per category:** Minimum normalized scores (2) for the respective star rating

Category	Impact Safety	Pedestrian Safety	Driving Safety
★★★★★	≥ 93.1 %	≥ 83.1 %	≥ 84.8 %
★★★★	≥ 90.1 %	≥ 63.1 %	≥ 70.5 %
★★★	≥ 87.1 %	≥ 43.1 %	≥ 55.4 %
★★	≥ 84.1 %	≥ 23.1 %	≥ 40.3 %
★	≤ 84.0 %	≤ 23.0 %	≤ 40.2 %

<sup>1</sup> Optional items can be assessed upon the manufacturers request. The maximum total points remains the same.