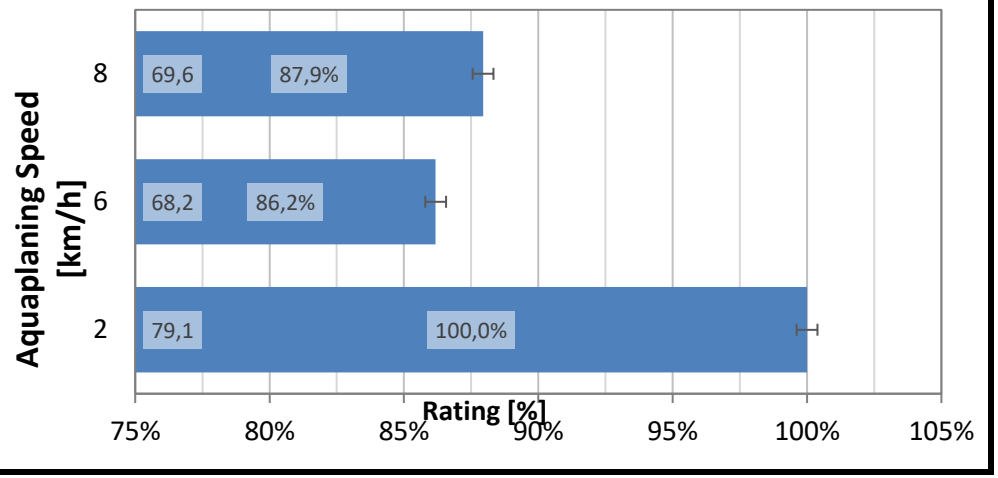
TEST REPORT*

Aquaplaning longitudinal, front wheel drive

TEST PLAN TEXT			
SET NO.	2	6	8
Order No.	ID479563	ID136486	ID136488
Tire Size	205/55 R 16 94V	205/55 R 16 94H	205/55 R 16 91V
Brand	Continental	Fortuna	Atlas
Trade Name	AllSeasonContact 2	Ecopuls 4S	Green 4S
TEST PARAMETERS			
Inflat. press. FA/RA [bar]	2,70/2,70	2,70/2,70	2,70/2,70
Rim data	6,5Jx16 ET33	6,5Jx16 ET33	6,5Jx16 ET33
DOT	4422	4222	4722
TEST RESULTS			
corr. Front driven Long. Aquaplaning [km/h]	79,1	68,2	69,6
Rating	**100,0%**	**86,2%**	**87,9%**
Air/Track Temp	22,9/26,2	25,0/29,6	24,9/28,6
Remarks	Eval Aquaplaning Speed (@15% Slip), Linear Trend Correction		

TEST CONDITIONS	
Test date	14.08.2023
Test location	Contidrom
Test track	Rail Track Aquapl.
Test vehicle	Skoda Octavia 1,5
Load FA/RA [kg]	909/638
Water depth [mm]	9
Air temp. [°C]	21,7...25,0
Track temp. [°C]	25,2...30,1
Humidity [%]	58,8...72,5
Contact	S. Heine
Task number	2023z205
Evaluation date	15.08.2023

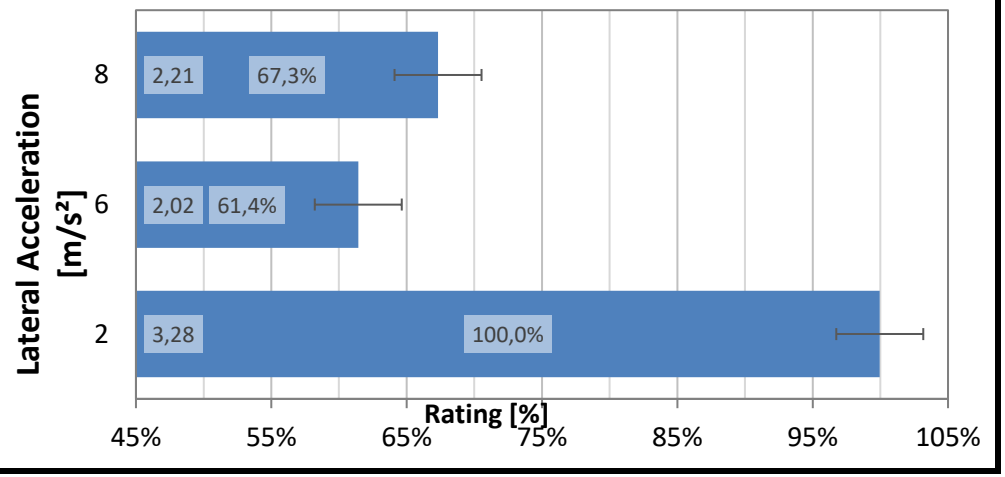


TEST REPORT*

Aquaplaning lateral

TEST PLAN TEXT				
SET NO.		2	6	8
Order No.		ID479563	ID136486	ID136488
Tire Size		205/55 R 16 94V	205/55 R 16 94H	205/55 R 16 91V
Brand		Continental	Fortuna	Atlas
Trade Name		AllSeasonContact 2	Ecopuls 4S	Green 4S
TEST PARAMETERS				
Inflat. press. FA/RA [bar]		2,50/2,50	2,50/2,50	2,50/2,50
Rim data		6,5Jx16 ET33	6,5Jx16 ET33	6,5Jx16 ET33
DOT		4422	4222	4722
TEST RESULTS	limits [km/h]	*60 - 90*	*60 - 90*	*60 - 90*
corr. Avg. Lat. Acc. [m/s²]		3,28	2,02	2,21
Rating		**100,0%**	**61,4%**	**67,3%**
	Air/Track Temp	16,5/17,1	15,7/17,1	15,5/18,0
Remarks		Eval Avg. Lat. Acc., Avg. Dataset, Linear Trend Correction		

TEST CONDITIONS	
Test date	17.08.2023
Test location	Contidrom
Test track	Large Circle
Test vehicle	VW Golf 8 1,5 TSI
Load FA/RA [kg]	856/616
Water depth [mm]	5
Air temp. [°C]	15,5...16,5
Track temp. [°C]	16,6...18,2
Humidity [%]	96,0...96,0
Contact	S. Heine
Task number	2023z205
Evaluation date	17.08.2023



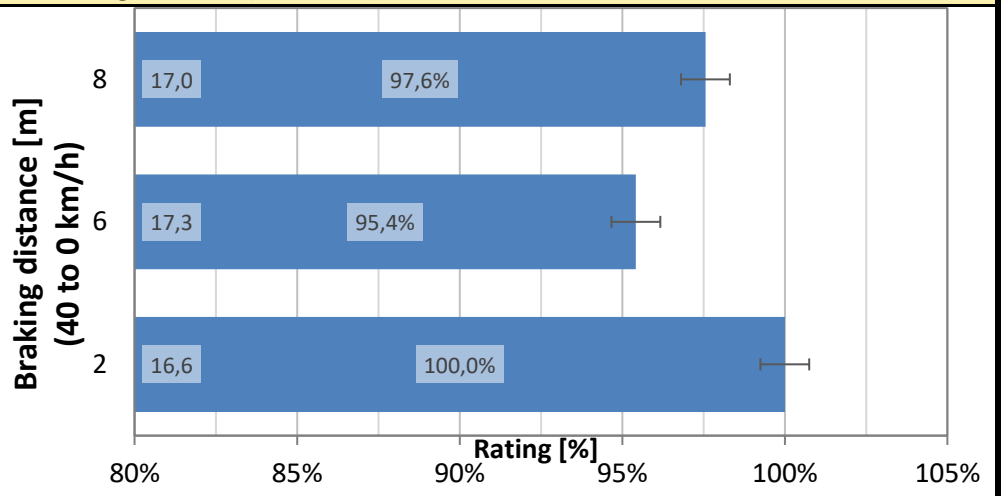
TEST REPORT*

braking with ABS, snow
average of Run 1 and Run 2

TEST PLAN TEXT			
SET NO.	2	6	8
Order No.	ID479563	ID136486	ID136488
Tire Size	205/55 R 16 94V	205/55 R 16 94H	205/55 R 16 91V
Brand	Continental	Fortuna	Atlas
Trade Name	AllSeasonContact 2	Ecopuls 4S	Green 4S
TEST PARAMETERS			
Inflat. press. FA/RA [bar]	2,50/2,50	2,50/2,50	2,50/2,50
Rim data	6,5Jx16 ET46	6,5Jx16 ET46	6,5Jx16 ET46
DOT	4422	4422	4722
TEST RESULTS			
corr. Braking Distance [m]	16,6	17,3	17,0
Rating	**100,0%**	**95,4%**	**97,6%**
corr. Avg Deceleration (µ*)	0,381	0,363	0,371

Remarks	Eval Braking Distance (40-0km/h), Dataset 2, Linear Trend Correction

TEST CONDITIONS	
Test date	06.02.2023
Test location	Arvidsjaur
Test track	TCA2, Snow Flat Q
Test vehicle	VW Golf 8 1,5 TSI
Load FA/RA [kg]	856/616
Snow hardness	82...84
Air temp. [°C]	-6,3...0,0
Track temp. [°C]	-8,7...-4,2
Humidity [%]	68,3...81,7
Contact	S. Heine
Task number	2023z205
Evaluation date	24.01.2024

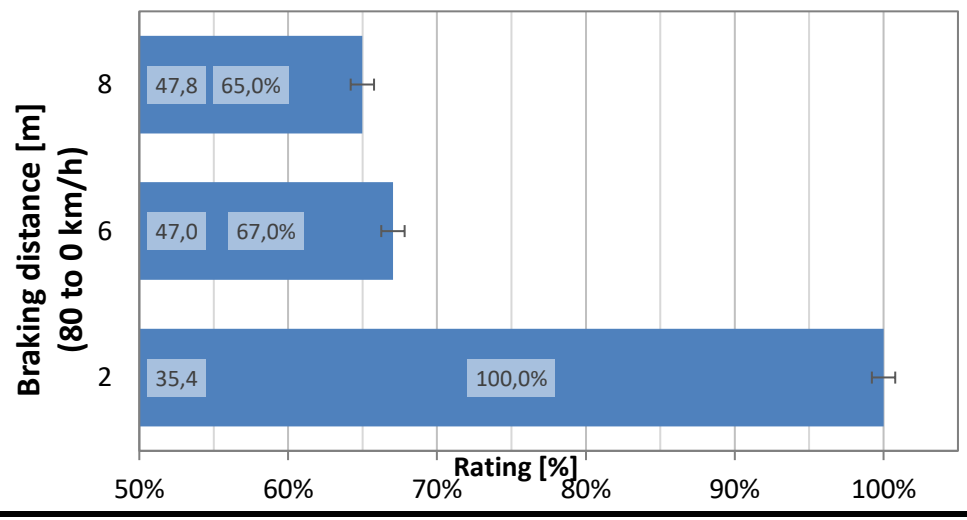


TEST REPORT*

Stopping distance with ABS, wet asphalt

TEST PLAN TEXT			
SET NO.	2	6	8
Order No.	ID479563	ID136486	ID136488
Tire Size	205/55 R 16 94V	205/55 R 16 94H	205/55 R 16 91V
Brand	Continental	Fortuna	Atlas
Trade Name	AllSeasonContact 2	Ecopuls 4S	Green 4S
TEST PARAMETERS			
Inflat. press. FA/RA [bar]	2,70/2,70	2,70/2,70	2,70/2,70
Rim data	6,5Jx16 ET33	6,5Jx16 ET33	6,5Jx16 ET33
DOT	4422	4222	4722
TEST RESULTS			
corr. Braking Distance [m]	35,4	47,0	47,8
Rating	**100,0%**	**67,0%**	**65,0%**
corr. Avg Deceleration (µ*)	0,712	0,535	0,527
Air/Track Temp	16,4/13,9	16,0/13,6	16,3/13,9
Remarks	Eval Braking Distance (80-0km/h), Dataset 2, Linear Trend Correction		

TEST CONDITIONS	
Test date	16.08.2023
Test location	Contidrom
Test track	Rail Track A2a
Test vehicle	Skoda Octavia 1,5
Load FA/RA [kg]	909/638
Water depth [mm]	0,8
Air temp. [°C]	15,6...18,6
Track temp. [°C]	13,5...17,3
Humidity [%]	91,2...95,0
Contact	S. Heine
Task number	2023z205
Evaluation date	24.01.2024

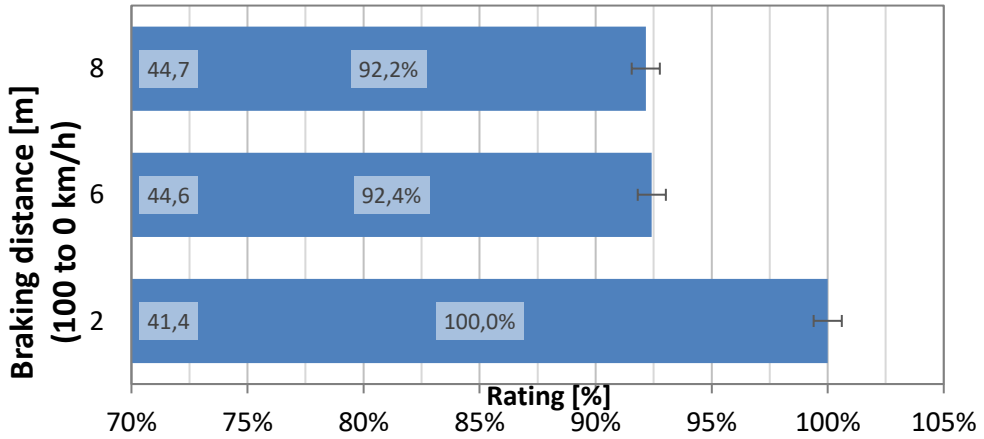


TEST REPORT*

Stopping distance with ABS, dry asphalt

TEST PLAN TEXT				
SET NO.		2	6	8
Order No.		ID479563	ID136486	ID136488
Tire Size		205/55 R 16 94V	205/55 R 16 94H	205/55 R 16 91V
Brand		Continental	Fortuna	Atlas
Trade Name		AllSeasonContact 2	Ecopuls 4S	Green 4S
TEST PARAMETERS				
Inflat. press. FA/RA [bar]		2,50/2,50	2,50/2,50	2,50/2,50
Rim data		6,5Jx16 ET33	6,5Jx16 ET33	6,5Jx16 ET33
DOT		4422	4222	4722
TEST RESULTS				
corr. Braking Distance [m]		41,4	44,6	44,7
Rating		**100,0%**	**92,4%**	**92,2%**
corr. Avg Deceleration (µ*)		0,949	0,882	0,880
	Air/Track Temp	19,8/23,4	24,6/33,1	24,3/35,6
Remarks		Eval Braking Distance (100-0km/h), Dataset 2, Linear Trend Correction		

TEST CONDITIONS	
Test date	22.08.2023
Test location	Contidrom
Test track	Oval, dry Asphalt I
Test vehicle	VW Golf 8 1,5 TSI
Load FA/RA [kg]	856/616
Air temp. [°C]	18,9...24,8
Track temp. [°C]	22,0...36,7
Humidity [%]	54,0...78,0
Contact	S. Heine
Task number	2023z205
Evaluation date	24.01.2024



*Enthält vertrauliche und geschützte Informationen.

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