



TÜV SÜD Tire Test Mark 2026

LASSA
SNOWAYS 5

225/40 R18 92W XL

Test Period: January - February 2026

**Add value.
Inspire trust.**

Report No. 713392472

TÜV SÜD PS – TÜV TIRE TEST MARK 2026

TIRE DETAILS



CANDIDATE



**LASSA
SNOWAYS 5**

DOT 027 T7XH1P 0126

COMPETITOR TIRES (in testing order)



**FALKEN
EUROWINTER HS02 PRO**

DOT 1AHT7 LVHR 2725-4225



**FULDA
KRISTALL CONTROL HP2**

DOT 1N55N KY1R 3825-4025



**HANKOOK
WINTER I*CEPT EVO3**

DOT 15MRL 3W H1 2725



**NEXEN
WINGUARD SPORT 3**

DOT 035 T7KEJK 3825

- All Lassa Snoways 5 test samples were provided for the tests by the customer.
- All other test samples were purchased in the normal market by TÜV SÜD.
- TÜV SÜD randomly selected the tires for the individual tests.

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TEST DETAILS



TEST LOCATIONS



- Wet & dry: TRIWO Pferdsfeld (D)
- Snow: Arctic Falls Plantskolan (S)
- Rolling noise: IDIADA (E)
- WGI ECE R117 Annex 5 & 9: Neubiberg (D)
- Rolling resistance & highspeed test advanced: TÜV SÜD Product Service Garching (D)

TEST VEHICLES



- Audi A3 35 TFSI, Audi A3 40 TFSIe, Seat Leon ST (PBN)

PROCEDURE & EVALUATION



- In most tests, the reference/control tire is tested repeatedly in the progress of the test to detect and consider changes of the ambient test parameters and correct its performance by linear interpolation.
- Generally, all tires in a test are primarily evaluated in relation to the reference/control tire.
- The performance is expressed as a percentage value, calculated on the basis of the measured and corrected test data.
- In this present evaluation, the performance of each tire is assessed relative to Lassa Snowways 5 ($\triangleq$ 100%).
- In all evaluations, a percentage >100% means better and <100% means worse.

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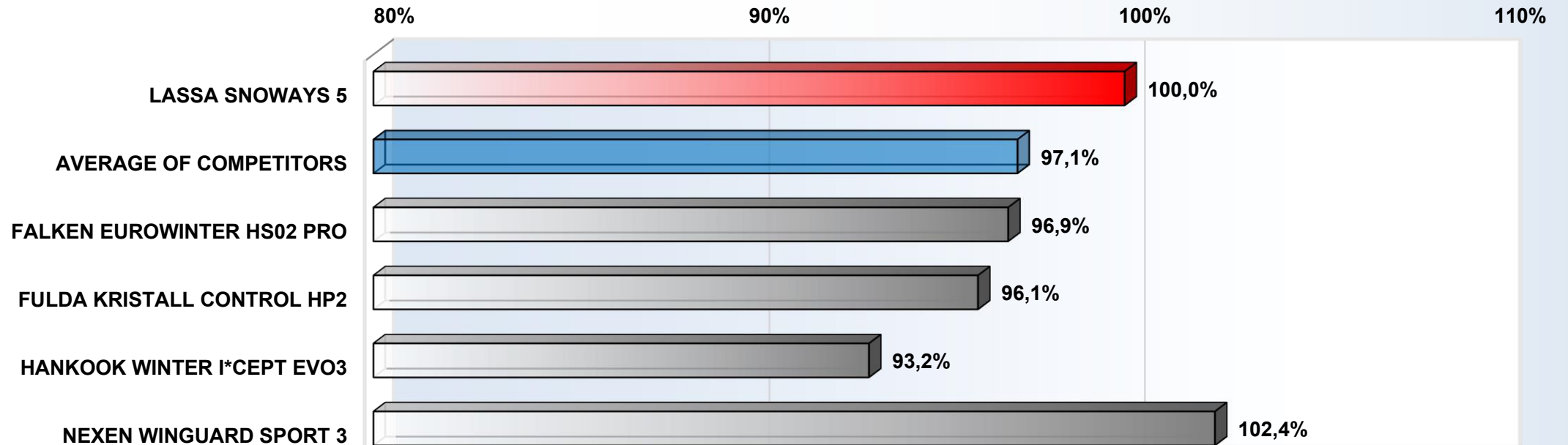
TEST RESULTS



ACCELERATION ON SNOW

- Acceleration on compressed snow with activated ETC (double execution)
- Result: Ø Acceleration time [s] from 10 to 35 km/h → Mean acceleration [m/s²]

ACCELERATION ON SNOW PERFORMANCE * [%]



*) The calculation of the percentage performance is based on the mean acceleration values resulting from the measured acceleration times.

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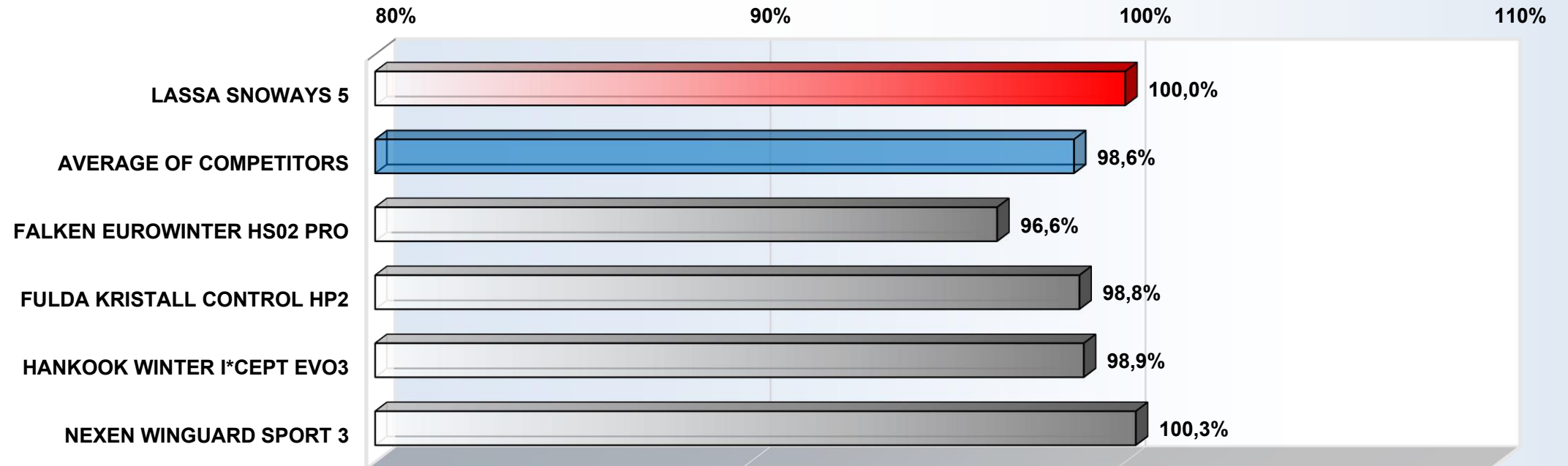
TEST RESULTS



BRAKING ON SNOW

- ABS-braking on compressed snow (double execution)
- Result: Ø Stopping distance [m] from 35 to 5 km/h → Mean deceleration [m/s²]

BRAKING ON SNOW PERFORMANCE * [%]



*) The calculation of the percentage performance is based on the mean deceleration values resulting from the measured braking distances.

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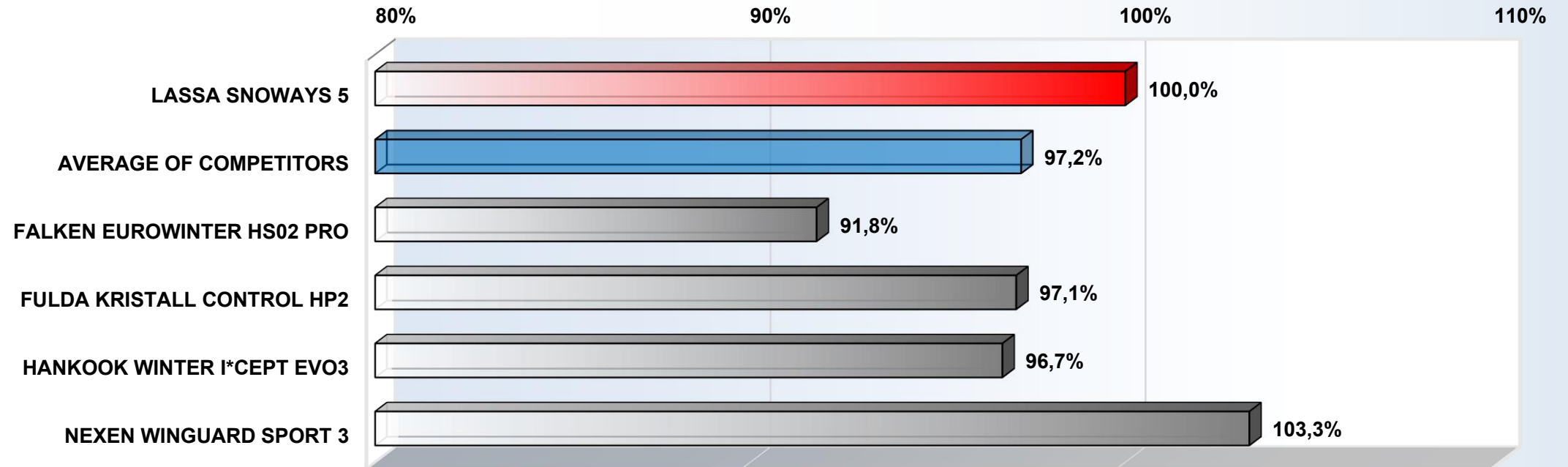
TEST RESULTS



LATERAL GRIP ON SNOW

- Circular state driving on a snow circle at the grip limit (circle radius: 36 & 38 m) (double execution)
- Result: Ø Lap time [s] → Lateral acceleration [m/s²]

LATERAL GRIP ON SNOW PERFORMANCE * [%]



*) The calculation of the percentage performance is based on the mean lateral acceleration values resulting from the measured lap times.

TÜV SÜD PS – TÜV TIRE TEST MARK 2026

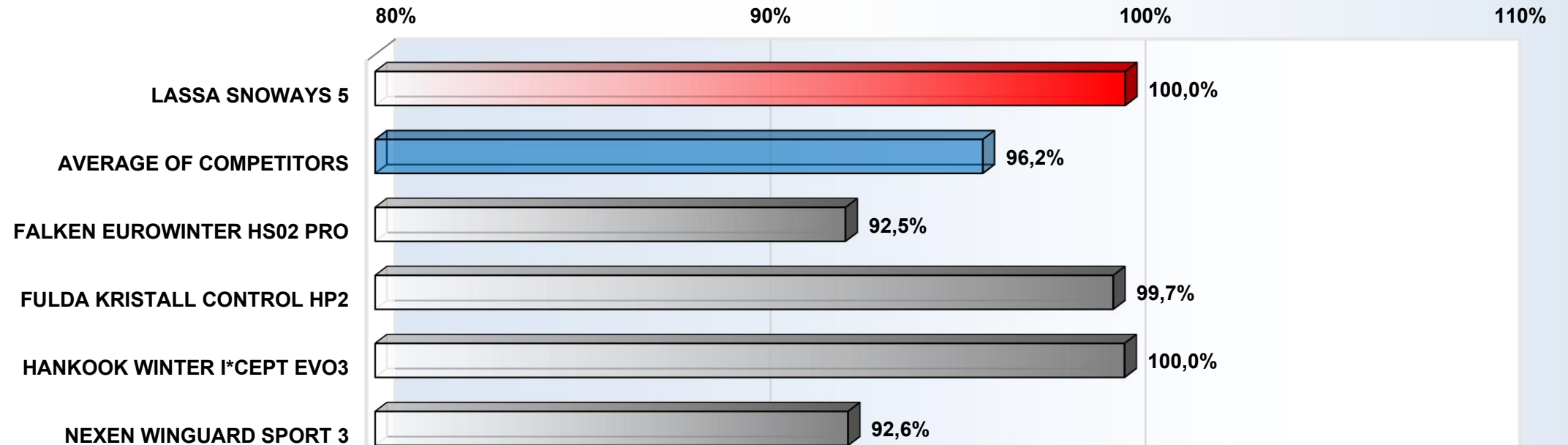
TEST RESULTS



AQUAPLANING STRAIGHT-LINE

- Objective measurement of longitudinal aquaplaning performance; water depth ~ 8 mm
- Result: Aquaplaning speed [km/h] at 15% slip

AQUAPLANING PERFORMANCE * [%]



*) The calculation of the percentage performance is based on the measured aquaplaning speeds.

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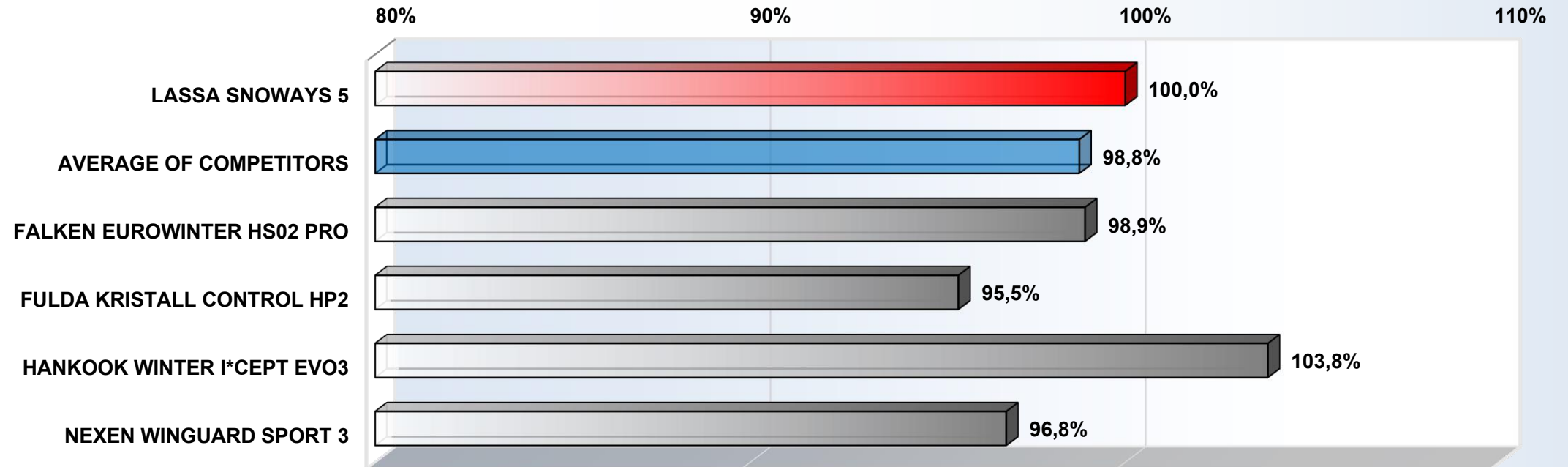
TEST RESULTS



WET BRAKING

- ABS-braking on wet asphalt surface
- Result: Ø Stopping distance [m] from 80 to 20 km/h → Mean deceleration [m/s²]

WET BRAKING PERFORMANCE * [%]



*) The calculation of the percentage performance is based on the mean deceleration values resulting from the measured braking distances.

TÜV SÜD PS – TÜV TIRE TEST MARK 2026

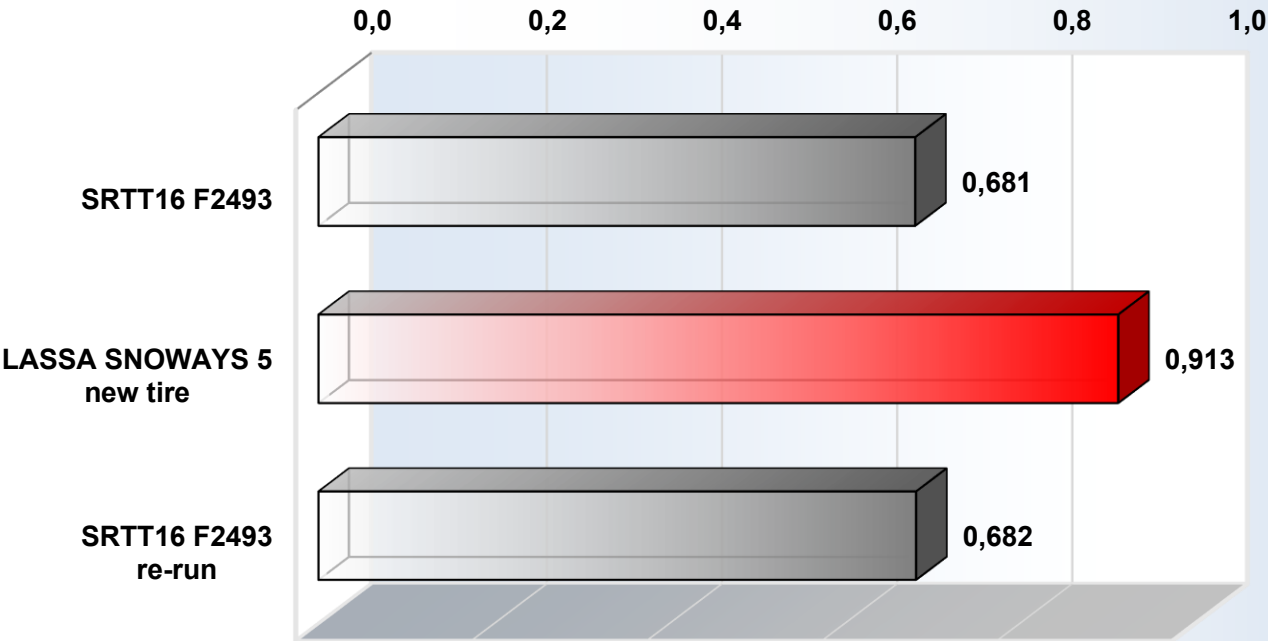
TEST RESULTS



WET GRIP INDEX (ECE R117 Annex 5) – new tire

- Wet grip measurement acc. to ECE R117 Annex 5 – trailer method
- Result: Ø Peak braking force coefficient μ_{peak} [-] → Wet Grip Index

PEAK BRAKING FORCE COEFFICIENT μ_{PEAK} [-]



TIRE BRAND	T _{Air} / T _{Surface} [°C]		WET GRIP INDEX
SRTT16 F2493	9,7	10,2	-
LASSA SNOWAYS 5 new tire	9,9	10,8	1,53
SRTT16 F2493 re-run	10,8	11,4	-

TÜV SÜD PS – TÜV TIRE TEST MARK 2026

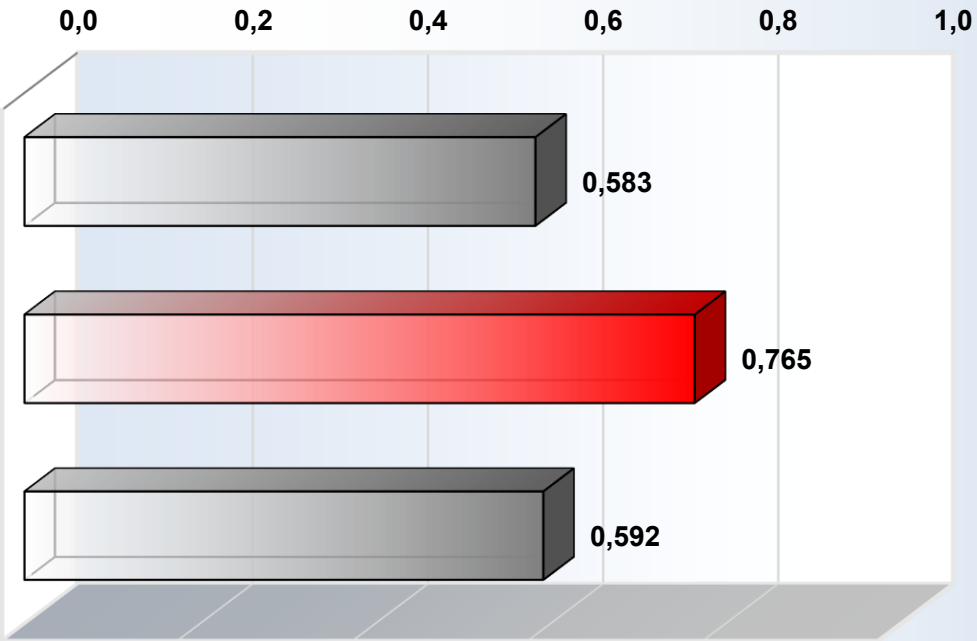
TEST RESULTS



WET GRIP INDEX (ECE R117 Annex 9) – worn tire

- Wet grip measurement acc. to ECE R117 Annex 9 – trailer method
- Result: Ø Peak braking force coefficient μ_{peak} [-] → Wet Grip Index

PEAK BRAKING FORCE COEFFICIENT μ_{PEAK} [-]



TIRE BRAND	T _{Air} / T _{Surface} [°C]		WET GRIP INDEX
SRTT16 F3611 moulded	10,4	10,2	-
LASSA SNOWAYS 5 worn tire	9,8	9,4	1,30
SRTT16 F3611 moulded re-run	8,4	8,2	-

TÜV SÜD PS – TÜV TIRE TEST MARK 2026

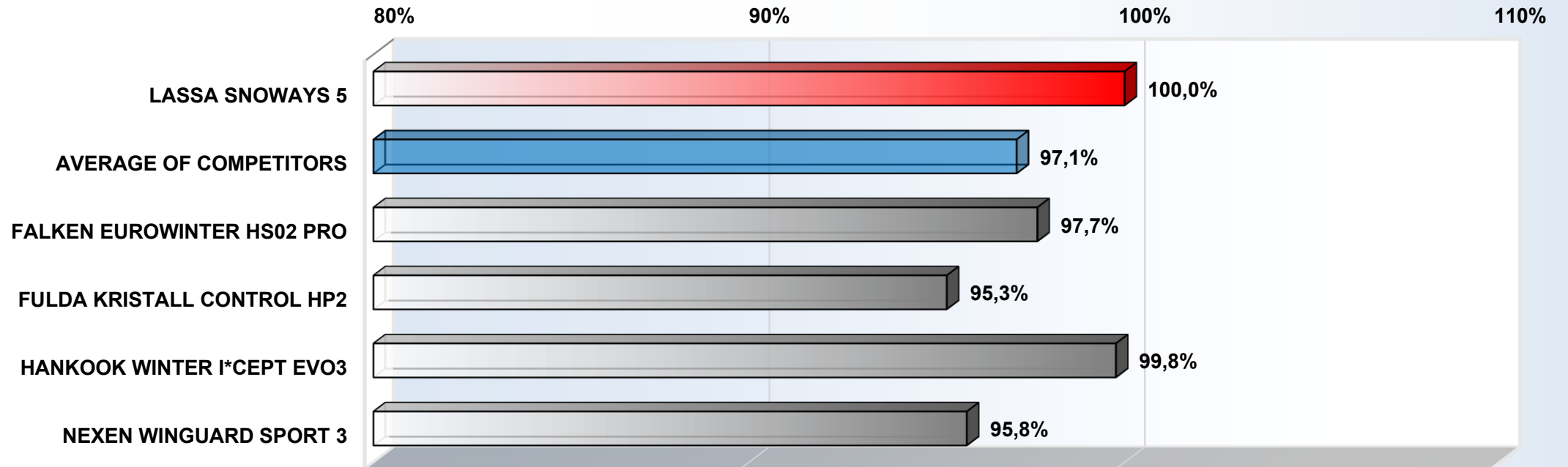
TEST RESULTS



LATERAL WET GRIP

- Circular state driving in wet circle at the grip limit (circle radius: 48 m)
- Result: Ø Lap time [s] → Mean lateral acceleration [m/s²]

LATERAL WET GRIP PERFORMANCE * [%]



*) The calculation of the percentage performance is based on the mean lateral acceleration values resulting from the measured lap times.

TÜV SÜD PS – TÜV TIRE TEST MARK 2026

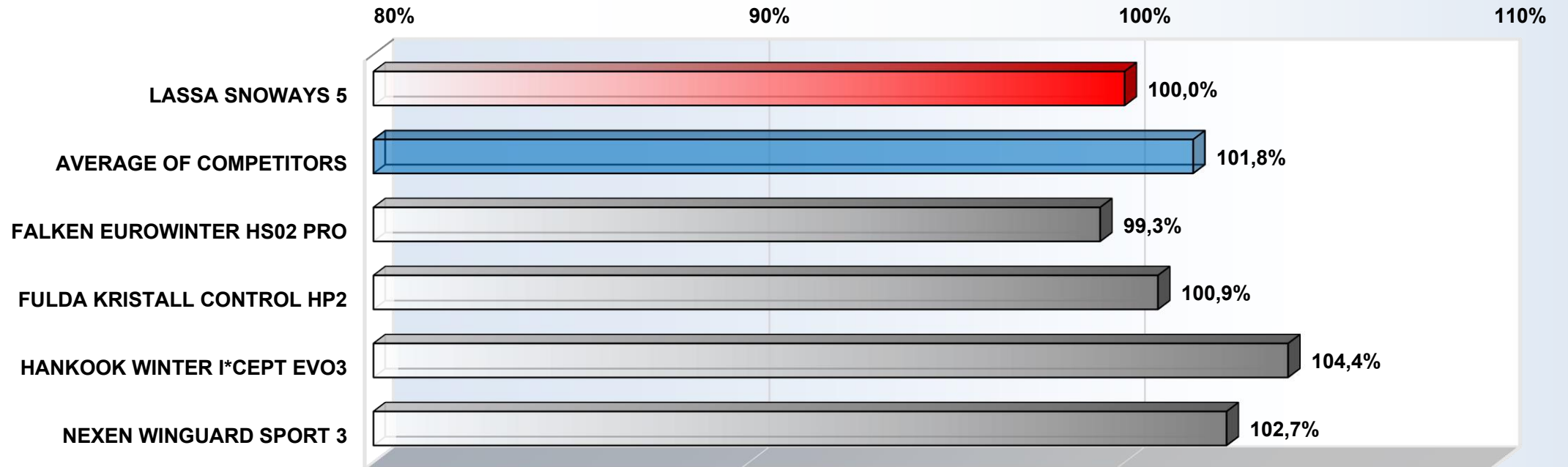
TEST RESULTS



DRY BRAKING

- ABS-braking on dry asphalt surface
- Result: Ø Stopping distance [m] from 100 to 0 km/h → Mean deceleration [m/s²]

DRY BRAKING PERFORMANCE * [%]



*) The calculation of the percentage performance is based on the mean deceleration values resulting from the measured braking distances.

TÜV SÜD PS – TÜV TIRE TEST MARK 2026

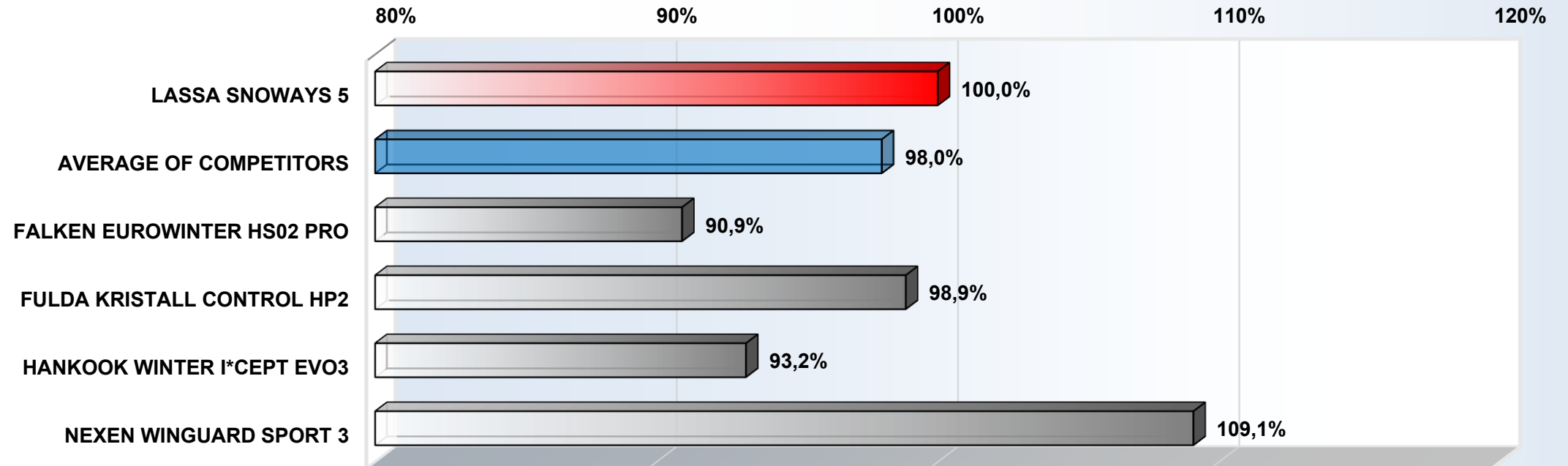
TEST RESULTS



ROLLING RESISTANCE (ECE R117 Annex 6)

- Acc. to ECE R117 Annex 6
- Result: Rolling resistance coefficient (c_R) EU label value [kg/t]

ROLLING RESISTANCE PERFORMANCE * [%]



*) The calculation of the percentage performance is based on the reciprocal values of the measured rolling resistance forces.

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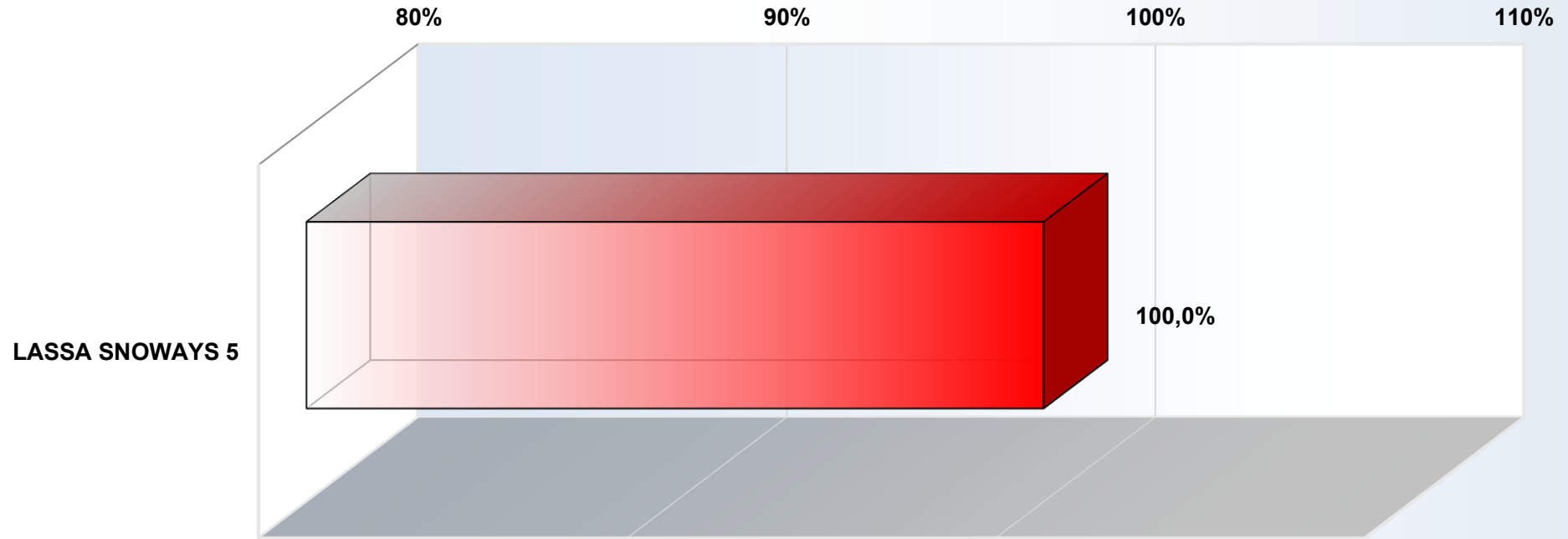
TEST RESULTS



HIGHSPEED TEST ADVANCED

- Acc. to ECE R30 + extension at 2° camber at $v_{\max}$ for max. 60 min
- Result: Total running time without visible defect (max. 120 min $\triangleq$ 100%)

HIGHSPEED PERFORMANCE * [%]



*) The calculation of the percentage performance is based on the total running time without defect.

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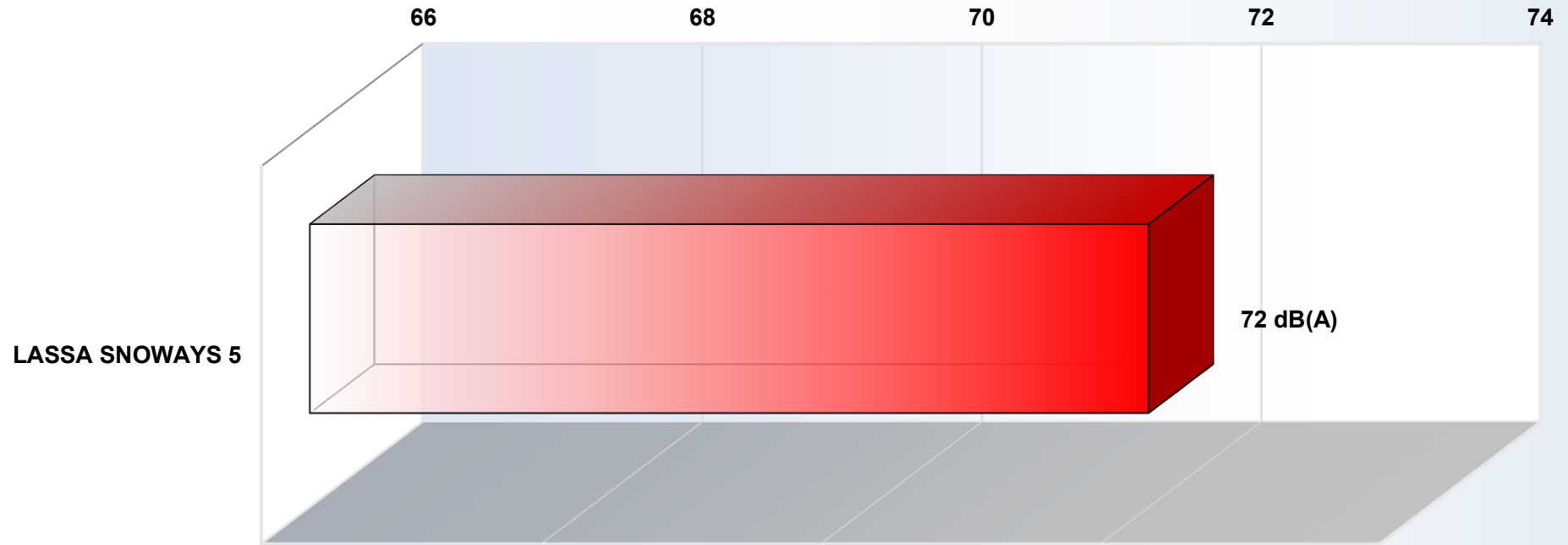
TEST RESULTS



ROLLING NOISE (ECE R117 Annex 3)

- Acc. to ECE R117 Annex 3
- Result: Rolling noise level (ECE type approval value) [dB(A)]

ROLLING NOISE (ECE type approval value) [dB(A)]



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SUMMARY OF RESULTS

Percentage > 100% means better, percentage < 100% means worse.	LASSA SNOWWAYS 5	FALKEN EUROWINTER HS02 PRO	FULDA KRISTALL CONTROL HP2	HANKOOK WINTER I*CEPT EVO3	NEXEN WINGUARD SPORT 3
ACCELERATION ON SNOW	100,0%	96,9%	96,1%	93,2%	102,4%
BRAKING ON SNOW	100,0%	96,6%	98,8%	98,9%	100,3%
LATERAL GRIP ON SNOW	100,0%	91,8%	97,1%	96,7%	103,3%
AQUAPLANING STRAIGHT-LINE	100,0%	92,5%	99,7%	100,0%	92,6%
WET BRAKING	100,0%	98,9%	95,5%	103,8%	96,8%
WET GRIP INDEX (ECE R117 Annex 5) - new	1,53	-	-	-	-
WET GRIP INDEX (ECE R117 Annex 9) - worn	1,30	-	-	-	-
LATERAL WET GRIP	100,0%	97,7%	95,3%	99,8%	95,8%
DRY BRAKING	100,0%	99,3%	100,9%	104,4%	102,7%
ROLLING RESISTANCE (ECE R117 Annex 6)	100,0%	90,9%	98,9%	93,2%	109,1%
HIGHSPEED TEST ADVANCED	100,0%	-	-	-	-
ROLLING NOISE (ECE R117 Annex 3)	72 dB(A)	-	-	-	-

