Bitte decken Sie die schraffierte Fläche mit einem Bild ab.

(24,4 x 7,6 cm)

Continental SportContact 6
Maximum Precision

www.continental-tires.com
Maximum Precision
Target Conflict

Driving precision

Wet grip
Maximum Precision
Performance Survey of Test Program

EVO 1
- -

EVO 2
+ -

SportContact 6
+ +

Wet grip
Driving precision
Maximum Precision
Driving Precision

Definition of driving precision
› Maximum Control through tracking precision in corners, small steering wheel angle (STWA) effort, direct on-center response

Evaluation Criteria
› On-center response:
  Vehicle reaction by small steering wheel angles (STWA)
› Steering wheel angle effort:
  Lateral acceleration built up by large steering wheel angles (STWA)

Evaluation Method
› Subjective: Reliable evaluation by professional tire test driver
› Objective: Measurement of vehicle dynamic data on test track with data analysis of tire characteristic
Maximum Precision
Measurement System & Data Analysis

1. Test Vehicle
2. Telemetry
3. Evaluation
4. Test Results
Maximum Precision
Test Maneuver

Slalom “Steering wheel angle effort”

› Large Steering Wheel Angle (STWA)
  Evaluate: Lateral acceleration build-up
    ➔ constant STWA @ 110kph
Maximum Precision
Test Maneuver

Slalom “Steering wheel angle effort”
› Large Steering Wheel Angle (STWA)
  Evaluate: Lateral acceleration build-up
→ constant STWA @ 110kph

Slalom “On-center response”
› Small Steering Wheel Angle (STWA)
  Evaluate: Vehicle heading
→ constant STWA @ 110kph
# Maximum Precision

## Schedule

<table>
<thead>
<tr>
<th>Introduction</th>
<th>10 min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group splitting (A, B, C)</td>
<td>40 min.</td>
</tr>
<tr>
<td>Test program</td>
<td></td>
</tr>
<tr>
<td>Evaluation</td>
<td>10 min.</td>
</tr>
</tbody>
</table>

### EVO 1

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>C</td>
<td>B</td>
<td>A</td>
</tr>
</tbody>
</table>

### EVO 2

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>B</td>
<td>A</td>
<td>C</td>
<td>B</td>
</tr>
</tbody>
</table>

### SC 6

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>C</td>
<td>B</td>
<td>A</td>
<td>C</td>
</tr>
</tbody>
</table>
Multitasking Exercise

› Follow road
› Perform accurate test maneuver