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- 1 *Automotive interior.*
2 *Thermal desorption GC/MS.*

EMISSION TESTS FOR AUTOMOTIVE MATERIALS

VOC-ANALYSIS AND OLFACTORY ASSESSMENT

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Product emissions

Materials used by the automotive industry have to comply with high quality requirements. In particular manufacturers and customers place significant demands on the emission behavior of such materials. Special material tests (VOC emission, fogging behavior, olfactory characteristics) are important tools for quality assurance. The tests must be performed according to the instructions of the Association of the Automotive Industry (VDA), or according to instructions from the car manufacturers.

We offer qualified analyses and advisory services in the scope of material emissions, and will be happy to support your research and development activities with our expertise.

Test services at the Fraunhofer ICT

- VDA 276 (1 m³ – emission chamber)
- VDA 270 (odor test)
- VDA 275 (formaldehyde test)
- VDA 277 (static headspace)
- VDA 278 (thermal desorption)
- DIN 75201 (fogging test)
- Emissions test according to CARB95
- Target-driven emission analyses of aldehydes, ketones, phthalates, amines, aromatic compounds, etc.
- Company standards and specifications of car manufacturers
- Advisory services regarding test facilities and product emissions