

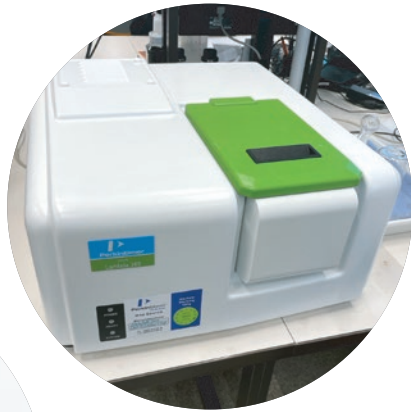
The **CONSTAB GER** laboratory

Multifaceted – down to
the smallest detail



Working together for the future of plastics.

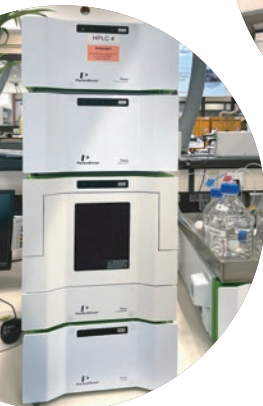
UV/VIS
spectrometre



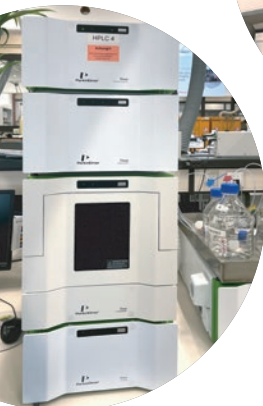
Digital
microscope



FTIR-
microscope



High-performance
liquid chromatography



Welcome to CONSTAB GER's laboratory

Come visit us and discover our well-equipped laboratory. You will find a detailed overview of our services on the right-hand side.

Do you need quality testing or special measurements for your masterbatches, films, or raw materials?

We are happy to assist you. Whether material analyses, layer examinations, or tests for impurities – you have come to the right place.

A highlight in our laboratory: the new, fully automatic FTIR microscope from Bruker. This enables us to carry out microchemical analyses with exceptional reliability and precision. Ideal for examining particles, surface damage, deposits, or for determining film structures.

We will find the right solution for your task.

Please contact Barbara Rieger directly. She is responsible for all matters relating to the laboratory.

Contact

Barbara Rieger
Laboratory Manager
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E-mail: b.rieger@constab.com



A wide range of options for masterbatches, raw materials, films, and much more

Equipment and methods:

- FTIR, ATR, and FTIR microscope
- DSC measurements possible from -75°C
- Thermogravimetry (TGA)
- Gas chromatography (GC)
- High-performance liquid chromatography (HPLC)
- Nitrogen analysis (LECO)
- X-ray fluorescence analysis (XRF)
- UV/VIS analysis

Possible analyses for various areas:

- Color measurements
- Extractions
- Determination of water and volatile components
- Ash determination using microwave muffle furnace

Possible analyses specifically for films:

- Digital microscopy
- Microtome preparation
- Blocking test
- Tensile test
- Sealing strength
- Surface tension
- Fire chamber for B2 fire tests
- Haze and gloss measurement
- Cold and hot fog
- Coefficient of friction (COF)

Liquid analyses:

- Water hardness
- pH value
- Conductivity
- Membrane filtration
- CSB, magnesium, aluminum, iron, and much more

Gas chromatography



Haze meter



Tensile test





We are where you are.

 KAFRIT IL 1

 CONSTAB GER 2

 CONSTAB CN 3

 KAFRIT NA 4

 POLYFIL USA 5

 ADDVANZE SWE 6

 DELTA KUNSTSTOFFE GER 7

 ABSA RESINS CAN 8

 BADGER COLOR USA 9

 **PLASTICS-APP** 10
If you can imagine it, we can compound it.



 **CONSTAB GER**

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