

Company Profile | ZwickRoell Authorized Partner Laboratory

polymerphys IK GmbH
Industriepark Hoechst - G 830
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Contact

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Certifications

Accredited compliant to DIN EN ISO/IEC 17025

Service Overview / Expertise

| Materials & Components

Plastics in general (particularly thermoplastics), specimens, components, extrudates, granulates

| Industries

Pharmaceutical industry – electrical equipment / electronics – automotive industry – chemical industry – household appliances – machine tools – test institutes – authorized specialists & experts – universities

| Test Methods

Mechanical test methods for plastics

Tensile test, flexure test, compression test, impact strength and notched impact strength, puncture test, hardness, creep test

Thermal test methods

Heat deflection temperature, Vicat softening temperature, melt flow index, filler content

Analytics

Infrared spectrometry, density determination, fiber length analysis, gravimetric fogging

ZwickRoell GmbH & Co. KG
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IBAN \$ DE85 6304 0053 0929 4109 01
Sparkasse Ulm
S.W.I.F.T. code SOLADES1ULM
IBAN DE24 6305 0000 0000 0797 56

Managing Directors:
Klaus Cierocki (Chairman)
Christine Dübler • Ping Bu Loke
Personally liable partner:
ZwickRoell Verwaltungsgesellschaft mbH, Ulm
Registration Office Ulm HRB 4361
VAT ID No.: DE147043343



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Specimen preparation

Milling, sawing, punching, melting, pressing, notching

Conditioning

Air conditioning, temperature control

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| Technical Equipment

Universal testing machines for tensile, flexure and compression tests from -80 °C to +250 °C

Impact pendulum for determining the impact strength and notched impact strength

Drop weight tester for puncture test

Hardness tester for ball indentation and Shore hardness

Creep testing system for tensile creep tests

HDT and Vicat testing instrument

Extrusion plastometer

Climatic chambers and temperature control furnaces

Muffle furnace

Analytical balance

Fogging testing system

Infrared spectrometer with IR microscope

Optical microscope with digital camera

FASEP fiber scanner

CNC milling machine

Circular table saw

Automatic notch milling machine

Specimen punch

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