

YOU DELIVER THE QUALITY - WE DELIVER THE PROOF

YOUR ADVANTAGES AT A GLANCE



Experienced test laboratory



Rapid Analyses



State-of-the-art methods



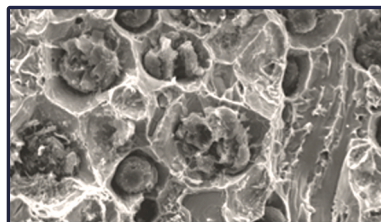
Reliable results



REQUEST YOUR INITIAL CONSULTATION - FAST AND UNCOMPLICATED.

We rely exclusively on proven and state-of-the-art verification methods to ensure precise and reliable results. Our qualified team of experts will provide you with comprehensive advice on all testing and analysis procedures – individually and with competence.

Contact us – we are looking forward to your inquiry!



YOUR CONTACT



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TEST LABORATORY



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TEST LABORATORY



YOU DELIVER THE QUALITY - WE DELIVER THE PROOF

Our testing laboratory documents the quality of your components using state-of-the-art methods. Our testing and analysis services are designed for maximum precision and reliability – supporting quality assurance, process optimization and research & development within your company. Fast and uncomplicated.



TEST LABORATORY



Scope of services

MECHANICAL-TECHNOLOGICAL TESTING

tensile testing with/without extensometer at room temperature up to 200 kN including sample preparation
hardness testing according Brinell, Vickers and Rockwell
low-load Vickers hardness testing

METALLOGRAPHY

Macro and microsection preparation
Etching
Evaluation of non-metallic inclusions
Microstructure analysis
Grain size determination according to DIN EN ISO 643 and ASTM E112
Coating thickness measurement
Delta ferrite content using Fischer probe (on polished section)
Graphite evaluation according to ASTM A-247 or DIN EN ISO 945-1
Automated image analysis
Retained austenite determination
Scanning Electron Microscope (SEM) examinations

MOBILE TESTING

Mobile hardness testing
Mobile hardness testing using Mikrodur
Delta ferrite content determination using Fischer probe
Surface roughness measurement
Microstructure analysis using replica technique
Positive material identification (PMI) using mobile XRF analysis
Nondestructive Testing (ultrasonic testing, dye penetrant testing, magnetic particle testing, visual inspection)

ANALYTIC (IRON BASE ONLY)

Spectral analysis
Remelting
Determination of carbon and sulfur content
Nitrogen determination
Oxygen determination