

Metallographic analysis



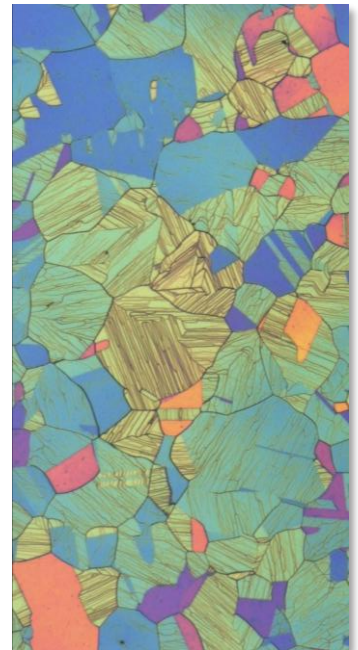
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Our metallography services cover a wide range of prognosis and diagnostic analysis to predict the behavior of a piece through their life cycle, helping prevent possible future failures. From the continuous improvement perspective, metallographic analysis facilitates material selection and comparison based on metallographic structure and mechanical properties.

Our analysis cover a wide range of services:

- Metallographic analysis
- Fracture initiation
- Fracture propagation
- Optical microscopic analysis
- Scanning electron microscopic (SEM) analysis
- Metallographic replica
- Failure analysis
- Grain size analysis
- Layer thickness
- Microstructural soldering analysis
- Corrosion sensitivity analysis
- Microstructural failure analysis
- High and low cycle fatigue analysis

All of our analysis services comply with strict processes to ensure that all gathered information is of high value for decision making in process improvement. Our service includes sample extraction, preparation, chemical attack and specialized microscopy.



If you are interested in our services, do not hesitate to contact us at services@gtechds.com or **+52 (614) 394 1699**, we will be happy to assist you with all necessary advice for your projects.