



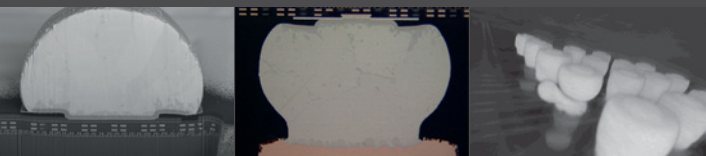
ANALYTICAL SERVICES OF C2MI LABORATORY

Our fields of expertise

- Analytical techniques
 - Failure analysis
 - Surface analysis
 - Material characterization
- Reliability testing

Analytical services

- 2D & 3D X-Ray
- Acoustic microscopy
- Emission Spectrometry (ICP)
- Fourier Transform Infrared Spectrometry (FTIR)
- Inductively Coupled Plasma
- Ion milling
- IR laser decapsulation tool
- Mechanical tests (tension, compression, shear and torsion)
- Plasma-FIB
- Rheological analysis
- Scanning Electron Microscopy (SEM)
- Thermal Analyzers: DSC, TGA, TMA, DMA
- Thermal Desorption System Gas Chromatograph-Mass Spectrometer (TD GC/MS)
- Thermal Topography (TherMoiré)
- Time Domain Spectroscopy (TDR)
- Vector Network Analyzer (VNA)
- X-Ray Photoelectron Spectroscopy (XPS)





Reliability Testing


The product reliability can be evaluated by accelerated aging tests. According to the specifications for the product, several tests can be performed:


- DTC/TC/TS (Thermal cycling and thermal shock)
- HAST (Highly Accelerated Stress Test)
- TH/THB (Temperature, humidity, bias voltage)
- HTS (High Temperature Storage)
- LTS (Low Temperature Storage)
- Vibration
- Impact shock



Centre de Collaborator
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