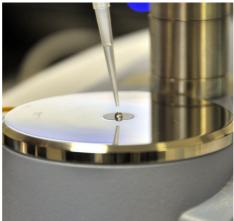
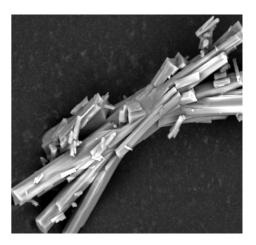
Specialist Testing Services









Infra Red Spectroscopy

► Characterisation, verification and quantification of materials and products

Scanning Electron Microscopy (SEM)

Characterisation of material surfaces

Thermal Analysis and Calorimetry

► Thermal gravimetric analysis (TGA), differential scanning calorimetry (DSC) and differential thermal analysis (DTA)

Electrochemical Workstation

► Full range of electrochemical techniques including cyclic, pulse and AC voltammetry

UV/visible Spectrophotometry

▶ UV/visible spectra and colour measurements

Rheology

Rheological measurements of liquids, slurries and pastes

Particle Sizing and Surface Charge

▶ Measurement of zeta potentials and particle sizing

Additional Measurement Capabilities

- Laboratory based corrosion test work
- Carbonation front determination for concrete
- ▶ Chloride ingress into concrete
- Acoustic attenuation measurements
- ▶ pH, conductivity, chloride, dissolved oxygen, density, moistures, caustic liquor analysis and settling tests