



Material Laboratory Services

Material Testing and Expert Services

Testing Services

- Mold filling analyzes
- Cooling and distortion analyzes
- Material Identification
- Material flow rate
- Strength Analysis
- Damage Analysis
- Structural Analysis
- UV resistance

Expert Services

- 3D printing
- Material Studies and Expertise
- Production Technology
- Mold Technology
- Joint Technology
- Quality Control
- Reclamation studies
- Metallography
- Micro- ja macro grinds
- NDT- examination

Testing devices

- Injection molding machine 50 ton
- Ekstruder Ø19mm
- Capillary Rheometer
- Tensile Testing Machine 225kN
- Tensile Testing Machine 1kN
- DSC Scanning Calorimeter
- Welding equipment (ultra sound, mirror, ekstr.)
- Metal spraying device
- Microscopes and microtome
- Melting index device
- IZOD impact resistance device
- CNC Milling Cutter
- 3D printing
- Hardness measuring devices (Shore, Vickers, Brinell ja Rockwell)
- FTIR
- Elmendorf
- Crusher
- C-Mold, Solid Works ja Mastercam-programs
- UV- chamber
- Arctest-500, climate chamber, temperature range – 40 ...+120°C, RH 10-100 %
- Arctest-500, climate chamber, temperature range – 20 ...+150°C, RH 10-100 %

