

Physical and Mechanical Testing

- **Tensile, compression and flexion tests**
- **Residual deformation** after extension
- **Relaxation test**
- Impact strength according to **Izod and Charpy** methods
- Falling dart **impact resistance**
- **Tear resistance test**
- **Density measurement** of the plastic material
- **Apparent density** of fine granules and powders
- **SHORE A-D hardness** evaluation-Micro IRHD
- **Abrasion test** with rotating cylinder
- **Abrasion resistance** in accordance with Taber method
- **Dynamic Mechanical Analysis (DMA)**
- **Roughness, waviness and profile measurement** of surface parts