



Material tests

Plastics - performance orientated material
and innovative driving force for the
future...



Mechanical tests

- Bending and notched bending test according to ISO 179 and 180 (Charpy, IZOD)
- Ball indentation hardness according to ISO 2039-1
- Shore A and D hardness test (ISO 868 and DIN 53505)

Thermal tests

- VICAT / HDT test engineering (ISO 306 and ISO 75)
- Melting point determination via DSC (ISO 11357-3)

Rheological tests

- Melt volume flow rate MVR / melt mass flow rate MFR (ISO 1133)
- High pressure capillary rheometer
- Capillary viscometer (solution viscosity) (ISO 307 et al.)

Optical tests

- Colour measurements (spectrophotometer)
- Gloss measurement
- Roughness measurement

Other tests

- Density determination (ISO 1183)
- Humidity determination
- Filler content determination (ISO 1172, ISO 3451)
- Burning tests (HB – V0 according UL94)

Further tests upon request.