
HEROFLON



Laboratory & QC



HEROFLON

LABORATORY

- Quality Control
- Research & Development



Analysis Heroflon Laboratory

PHYSICAL PROPERTIES:

- Tensile Strength
- Elongation
- Hardness (Shore D)
- Ball Hardness
- Coefficient of thermal expansion
- Compression strength
- Deformation under load
- Permanent deformation
- Porosity

THERMAL ANALYSIS:

- **DSC** (Differential Scanning Calorimeter). Specific Heat, Melting Point, Crystallinity etc.
- **TGA** (Thermal Gravimetric Analysis). Material composition, thermal stability, etc.
- **FT/IR - TGA** Elements and Material analysis, purity, etc.

OPTICAL ANALYSIS:

- Stereo-microscope
- 'Built-in' camera



Analysis Heroflon Laboratory

CHEMICAL ANALYSIS:

- PH and HF Residual
- Liquids Analysis (DOC in Water)
- Gas Analysis
- Atomic Flame Absorption & Graphite Furnace
- Gas Chromatography
- Micro FT/IR Analysis
- FT/IR (Fourier Transformate/IR)
- FT/IR – TGA Interface

PARTICLE SIZE ANALYSIS:

- Sympatec (Laser Diffraction System Analyser - Dry method)
- Beckman Coulter (Dry & Wet method)
- Hegman test
- Sieve analysis

EMISSIONS ANALYSIS

TRIBOLOGY:

- MULTIPLE PIN TEST RIG for Wear & Friction behaviour comparison
- Coefficient of Friction
- Wear rate



HEROFLON Lab - Tour

