



Mechanical Characterization

EVALUATION OF STRENGTH, HARDNESS AND STIFFNESS

KEY WORDS

TENSILE TEST,
CHARPY IMPACT,
FLEXURAL
STRENGTH,
HARDNESS

DESCRIPTION

Plastinnov offers mechanical characterization services using standardized mechanical testing methods, including tensile testing, Charpy impact testing, flexural testing, and hardness measurements. These tests enable the evaluation of key mechanical properties such as strength, stiffness, ductility, toughness, and resistance to impact and deformation.

AVAILABLE TECHNIQUES AND/OR EQUIPMENT

- Tensile test
- Charpy impact test
- Flexural test
- Hardness

APPLICATIONS

- Quality control
- Product and component validation
- Development of polymeric materials

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