



Chemical Characterization

CRYSTALLOGRAPHY AND STRUCTURAL ANALYSIS

KEY WORDS

CRYSTALLINE
PHASES,

DEGREE OF
CRYSTALLINITY,

STRUCTURAL
ORDERING

DESCRIPTION

IJL - CC Xgamma performs polymer composition analysis and structural characterization using X-ray techniques, with a special focus on crystallography and diffraction analysis. X-ray diffraction allows for the investigation of crystalline phases, the degree of crystallinity, and molecular organization within polymeric materials.

AVAILABLE TECHNIQUES AND/OR EQUIPMENT

- Spectrometre
- SAXS/WAXS
- Diffractometre
- Spectrometre de fluorescence X

APPLICATIONS

- Material qualification
- Quality control
- Polymer development

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