



# Polymer Composition Analysis

## CRYSTALLOGRAPHY AND STRUCTURAL ANALYSIS

### KEY WORDS

STRUCTURAL  
CHARACTERIZATION  
OF POLYMER,

CRYSTALLOGRAPHIC  
ANALYSIS,

STRUCTURAL  
ANALYSIS OF  
POLYMERS

### DESCRIPTION

PMD<sup>2</sup>X offers polymer composition analysis and structural characterization services using X-ray techniques, with a focus on crystallography and diffraction analysis. X-ray diffraction allows for the investigation of crystalline phases, the degree of crystallinity, and the molecular organization within polymeric materials.

### AVAILABLE TECHNIQUES AND/OR EQUIPMENT

- X-ray diffraction

### APPLICATIONS

- Understanding of the physical properties of crystals
- Quality control
- Determination of the absolute configuration of molecules

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