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# 2306

# Morphological Analysis

SURFACE CHARACTERIZATION, PHASE ANALYSIS AND CRYSTAL STRUCTURE OF PLASTIC PRODUCTS

## DESCRIPTION

- Study of phases in polymeric blends, compounds and nanocomposites
- Determination of layer thicknesses in films and laminates
- Quantitative evaluation of nanoroughness in plastic products, films and metal coatings
- Dispersion of additives and fillers, orientation analysis of fibers and fillers in composite materials
- Studies of crystallization rate, degree of crystallinity and spherulites sizes