

2303

Flexible Packaging Materials

PERFORMANCE AND FAILURE ANALYSIS OF POLYMERIC
PACKAGING MATERIALS

DESCRIPTION

- Mechanical and gas barrier properties evaluation of packaging materials under different humidity and temperature conditions
- Defects and contamination analysis
- Multilayer structures: identification and thickness of each layer in packaging materials and labels
- Peeling of aluminum
- Evaluation of plasticizers, adhesives and fillers
- Migration of additives to surfaces of films and laminates
- Study of varnishes and printing inks: identification of components
- Resistance to chemical agents
- Printing problems and failures
- Analysis of components of printing inks and varnishes
- Seal strength characterization
- Hot melts evaluation
- Global and specific migration of additives, elements and heavy metals

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