
Polymer Scientist Resume

Job Objective

To obtain a Polymer Scientist position that fully utilizes my experience and abilities.

Highlights of Qualifications:

- Extensive experience of research, formulation, processing and validation of polymer materials
 - Sound knowledge of polymer testing, analysis and characterization, and commercialization methods
 - Commendable knowledge of epoxy resins, PVC, polymer nana-composites and plastics recycling
 - Familiarity with working with radiation curing technology, coatings and adhesives
 - Ability to communicate with clients and deliver scientific presentations to them
 - Ability to develop and execute experiments related to polymer materials
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Professional Experience:

Polymer Scientist
Cooper Tire & Rubber Company, Morganton, NC
August 2012 – Present

Responsibilities:

- Researched, developed, evaluated, and improved all polymers and related products.
- Wrote product specifications and sourced appropriate raw materials.
- Conducted characterization of polymer materials and tested all final products.
- Liaised with production team on shop floor and executed commercial trials.
- Developed and maintained strong professional relationships with in-house and outside scientists.
- Maintained safety of the lab and oversaw safe operation of lab facilities.

Polymer Scientist
Axalta Coating Systems, Morganton, NC
May 2009 – July 2012

Responsibilities:

- Developed, synthesized, and characterized new polymer materials and products.
 - Authored, implemented, and reviewed SOPs, research plans, and technical papers.
 - Supported and assisted in new product developments and existing product improvements.
 - Prepared and maintained timely and accurate records of experiments, test results, conclusions, and project updates.
 - Operated and maintained laboratory instrumentation, in an efficient manner.
 - Interpreted and followed material handling & storage based environmental and safety regulations.
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Education:

Master's Degree in Polymer Science & Engineering
Florida International University, Miami, FL

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