



Position Title: Development Chemist II

Location: Marietta, GA

Reports to: Innovation Manager – New Domains

Visa sponsorship is not available

Birla Carbon is the world's leading sustainable manufacturer and supplier of carbon black additives. Our global presence ensures that our carbon black is of the highest quality worldwide, delivering a consistent product wherever our customers are. Whether an established formulation or a custom solution, Birla Carbon is the right partner with the right product for superior performance in any application for tires, specialty blacks and mechanical rubber goods.

Job Purpose

Development Chemist II will be responsible for conducting research projects for identifying, designing and developing new materials for various applications. Works within the current laboratory structure to develop new materials and methods. Interfaces with internal and external technical resources to conduct and direct research related to new materials and new applications of existing materials. Communicates goals and achievements in fields that are entirely new to Birla Carbon.

Principle Accountabilities		
Accountability	Supporting Actions/ Tasks	% of Time
1. Conduct internal and external research projects	<ul style="list-style-type: none">• Conduct research according to project plans.• Perform and supervise laboratory work• Coordinate tasks with project team	70%

	<ul style="list-style-type: none"> • Interpret and communicate data and progress. 	
2. Assist with enhancing laboratory research capabilities	<ul style="list-style-type: none"> • Develop screening techniques (e.g. new test capabilities, procedure, nondestructive material analyses) • Develop structure-property relationship for different nanomaterial systems and knowledge of processing and material handling effects. 	20%
3. Conduct innovation projects	<ul style="list-style-type: none"> • At the direction of the Innovation Manager, participate or lead innovation projects outside of normal duties. 	10%

Position Requirements		
	Requirement	Related Education & Experience
Knowledge Skill Ability	<ul style="list-style-type: none"> - Research experience in nanomaterials application in one or more markets e.g., coatings, plastics, rubber, composites etc. - Research experience in formulation, processing and characterization of coating, plastics, rubber, and/or composites. - Ability to lead projects throughout development lifecycle and accelerate or kill as needed 	<ul style="list-style-type: none"> • BS or MS in Polymer, Chemistry, Materials Science, Carbon Science or Chemical Engineering • 2 or more years of R&D experience in similar or related field (industry or academia).
Preferred Qualifications	Work-experience in a related field e.g., carbon black, carbon nanotubes, graphene, nanoparticles, conductive organic materials	

If you are interested in this position, please forward your resume to Idamae Ogrady (idamae.ograde@adityabirla.com) or Yuanhao Guo (yuanhao.guo@adityabirla.com). Thank you.