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SPECIFIC POLYMERS – Value your research work in functional polymers. From your proofs of concept to hundred grams' polymers

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Over the past decades, intensive academic research work has been achieved in the field of polymer chemistry in order to developed tomorrow's materials. Researches focussed on new polymerization technics (ARTP, RAFT, NMP controlled radical polymerizations), new architectures (block, graft, stars, etc.), innovative crosslinking reactions, hybrid materials, biobased and sustainable materials, smart responsive materials, etc. Even if most of the studies performed at the academic level highlight the most brilliant ideas and reveal outstanding results, there development towards higher technology readiness level is often blocked or slowed by the inability of the research laboratory to produce enough matter to validate proof of concept at pilot, semi-industrial or industrial scale. SPECIFIC POLYMERS company has been built up in 2003 to fill the gap in between academic and industrial researchers. For more than 14 years, the company has performed research and development services, on-demand synthesis and up-scaled production from grams to kilograms. The main goal of the innovative product developed by SPECIFIC POLYMERS is to support academic and industrial partners in the production of functional (macro)molecules to validate proof of concepts. During this period, the company has developed the synthesis of more than 10.000 functional building blocks, monomers and polymers and is now working with more than 500 customers and partners in more than 35 countries worldwide. Main research topics of the company are Polymer Science, Biobased Materials, Hybrid Materials and Composites, Polymers for Biomedical Applications and Polymers for Opto-Electronic. Thus, SPECIFIC POLYMERS is involved in all field of applications such as surface finishing (glass, metal, nanoparticles, plastics), aeronautic, automotive, pharmaceutical industry, cosmetic, electronic, optic or energy. SPECIFIC POLYMERS exists to help you bringing your ideas one step further.

Biography

Cédric Loubat earned his PhD degree in Polymer Chemistry from University of Montpellier (Pr B. Boutevin FRANCE) in 2000. In 2003, Dr. Loubat created SPECIFIC POLYMERS with the aim to fill a gap between academic and industrial researches in the field of polymer chemistry. Indeed, most of the scientific innovations generated within academic researchers were often nipped in the bud since these laboratories do not have the abilities to produced intermediate-scales batches to validate proofs of concept.Nowadays, Dr. Loubat is still heading SPECIFIC POLYMERS (www.specificpolymers.fr) and the company has 12 employees. SPECIFIC POLYMERS works with more than 500 customers located all over the world. In 15 years, SPECIFIC POLYMERS synthesized functional monomers, oligomers and polymers at the grams to kilograms scale (more than 10 000 (macro)molecules have been synthesized in 15 years and 1 000 are now part of SPECIFIC POLYMERS catalog) in all fields of application.

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