

Xianyi Chen, Ph.D.

Project Specialist

Xianyi has been working in Charter Coating Service (2000) Ltd. since 2008. His responsibility mainly involves coating failure analyses, testing and evaluation, coating consulting services and project management.

He received his PhD from East China University of Science and Technology in polymeric materials (plastics, rubber, organic coating, adhesive, chemical fiber, etc.) after three years laboratory research on anionic copolymerization of styrene and butadiene and their sequence distributions. Then, he stayed in a university, teaching, doing fundamental research and cooperating with companies in application research in plastics, rubber and polymer composites. In 1995 to 1998, he worked as a guest researcher in Professor J. Kop's group in Danish Polymer Center, Department of Chemical Engineering, Technical University of Denmark, where his research focused on synthesis, characterization and blending of amphiphilic homo(co)polymers prepared by living free radical polymerization and atom transfer radical polymerization (ATRP). Between 2001 and 2003, he cooperated with Professor S. Armes in the Department of Chemistry, University of Sussex, UK as post-doctoral research fellow, doing research on aqueous ATRP from the surfaces of ultra-fine particles.

Xiayi has more than 20 years of international professional experiences in production, product and process development, analysis and evaluation of polymer materials, and many years of engineering experiences in preparation, production, emergency treatment, and health, safety and environmental (HSE) management in chemical fiber chips, adhesive and organic coating industries. He published 35 research papers in journals in the fields of polymer chemistry, polymer physics and polymer engineering, and presented many articles and abstracts in conferences. He also was a referee for several international journals and the member of American Chemical Society.