

Society of Plastics Engineers
University of Connecticut
Student Chapter



POLYMER SEMINAR
Wednesday, November 8, 2024
11:00 am



Dr. Mashid Niknahad from BYK Additives
Applied Technology Specialist, Surface Additives & Deformers

Additives for Coatings

Abstract: This lecture will explore the critical role of additives in coating formulations, focusing on key types such as **wetting & dispersing additives, rheology modifiers, surface additives, defoamers, and waxes.**

We will examine how these additives enhance properties like color uniformity, flow, and sag resistance or preventing defects such as bubbles and pinholes. We will discuss how additives introduce texture and matting effects to surface coatings, optimizing overall performance.

Attendees will also learn about the evaluation methods used to ensure these additives meet high industry standards.

