

Six Sigma 기법을 이용한 고분자 공정의 생산성 향상

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A competitiveness of a company is originated from producing high-quality products. Previous quality control scheme has focused on taking a corrective actions against the poor quality, not before a thing place but after. In this work, the systematic method based on Six Sigma is proposed to produce high-quality products and reduce the cost caused by poor quality based on detection and removal the sources for the variations of vital few. The proposed method was evaluated by applying to a polymer process with a large number of variables. As a result, the amount of byproduct was significantly reduced, so the productivity increased.