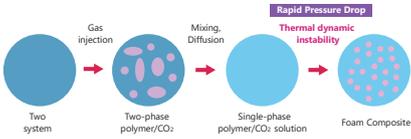


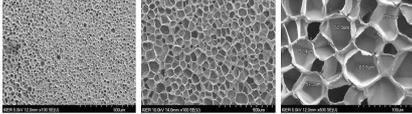
SUPERCritical CARBON DIOXIDE SYSTEM

초임계 이산화탄소를 용매로 이용한 분리공정에 사용하는 장비입니다.
기존의 일반적인 용매와 달리 초임계 이산화탄소를 활용한 친환경적인 공정으로 추출, 발포, 입자제조, 건조 등 다양한 공정에 적용됩니다

Supercritical Foam



Polypropylene



Ref. Korea Patent No. 10-0719487

Supercritical Fluid Dyeing

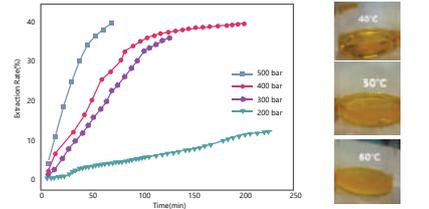
Conventional Wet Dyeing Process



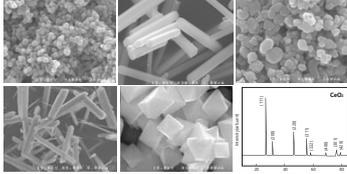
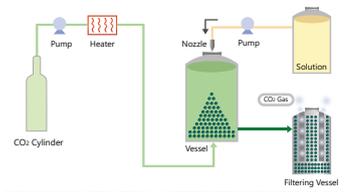
SCF Dyeing Process



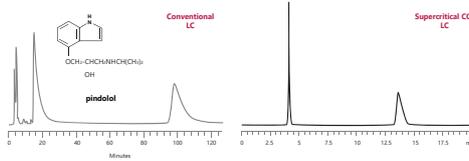
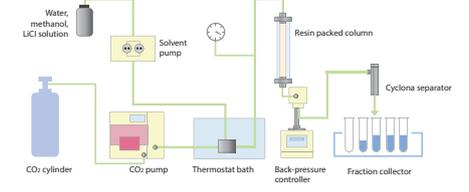
Extraction & Degreasing (Corn Embryo)



Synthesis of Nanoparticles



Supercritical Fluid Chromatography



Synthesis of Biodiesel (Supercritical MeOH)

