

섬유복합구조체의 부직포 복합 필터의 모델 구축 DB (24 건)

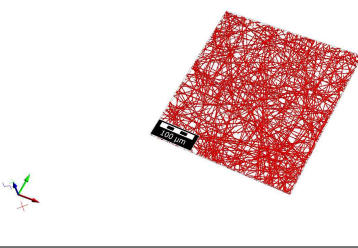
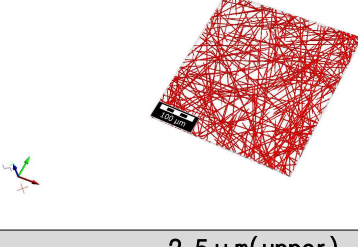
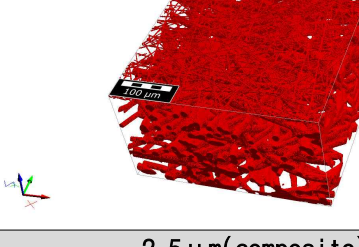
○ 시험 개요

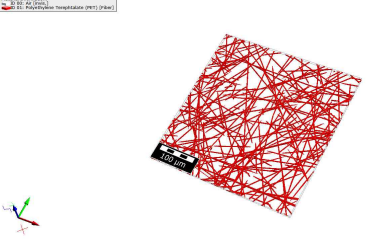
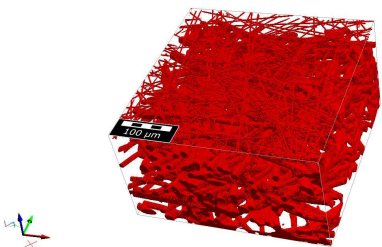
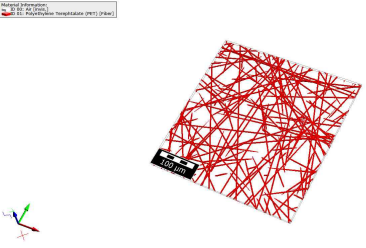
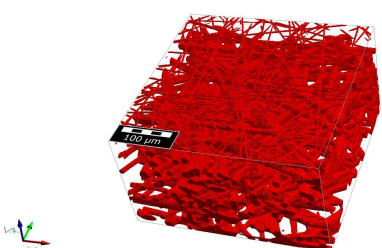
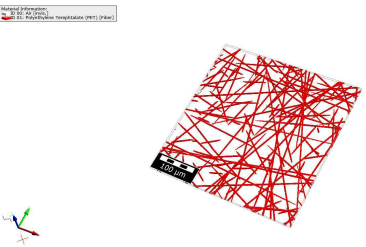
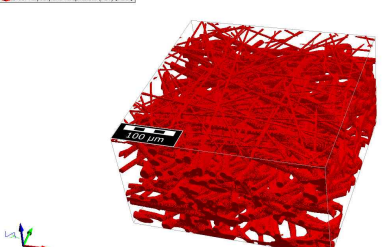
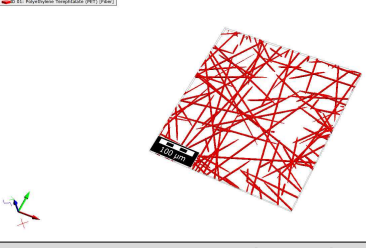
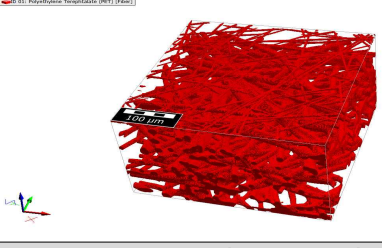
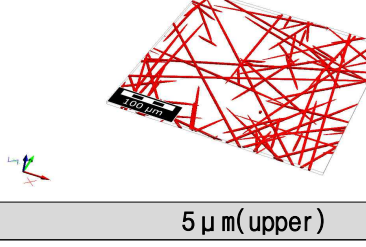
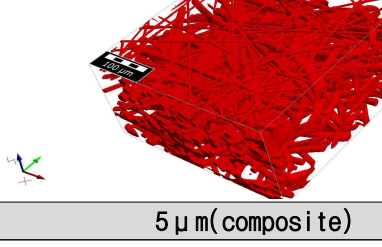
재사용 필터층을 포함한 복합 원단 모델링 수행

- 지지층과 재사용 필터층의 복합 모델링을 통해 구조분석 및 성능 예측 가능
- 섬유직경에 따른 시뮬레이션 모델 DB 24건 구축

○ 직경에 따른 MB필터의 모델형상

[직경에 따른 MB필터의 모델 형상]

모델 이미지	0.5 μ m (upper)	0.5 μ m (composite)
		
	1 μ m (upper)	1 μ m (composite)
		
	1.5 μ m (upper)	1.5 μ m (composite)
		
	2 μ m (upper)	2 μ m (composite)
		
	2.5 μ m (upper)	2.5 μ m (composite)

 3 μ m (upper)	 3 μ m (composite)
 3.5 μ m (upper)	 3.5 μ m (composite)
 4 μ m (upper)	 4 μ m (composite)
 4.5 μ m (upper)	 4.5 μ m (composite)
 5 μ m (upper)	 5 μ m (composite)

