



Purelyst MD-101 촉매의 VOCs 제거성능

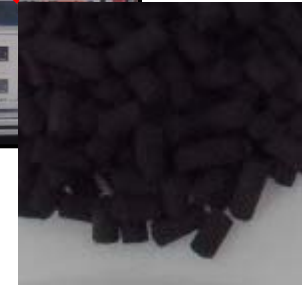


1. 실험 조건

1) 산화 실험 조건

구분	조건
촉매	Purelyst MD-101 펠렛
공간속도 (h ⁻¹)	10,000
온도 조건 (°C)	160~250
대상 물질	PGMEA
	Toluene
	IPA
	MEK
	Acetone

2) 실험 장치 구성

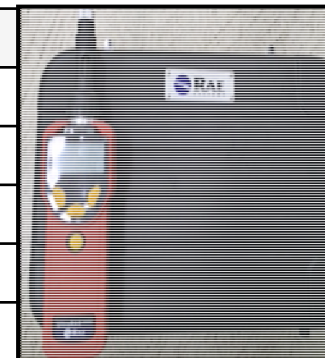


촉매

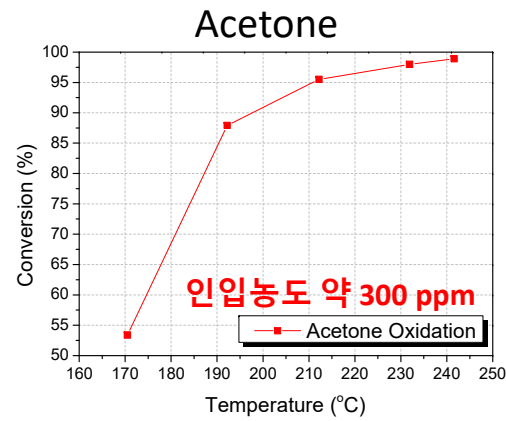
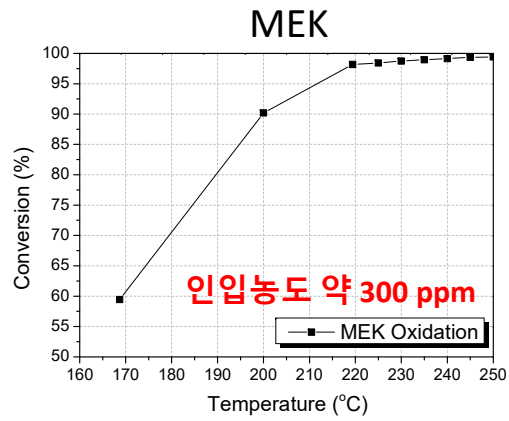
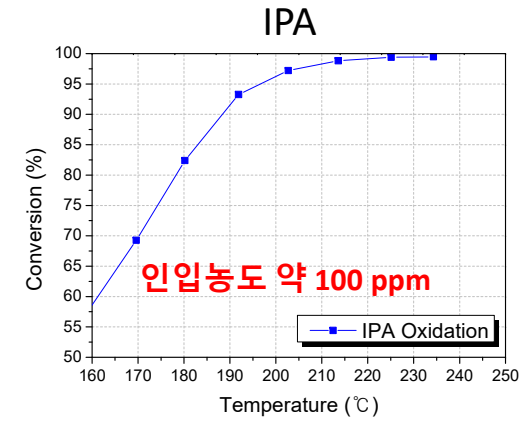
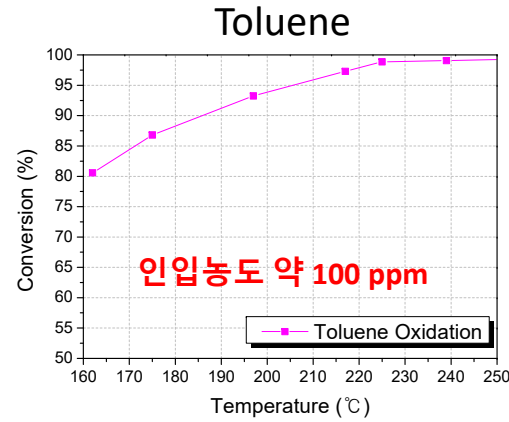
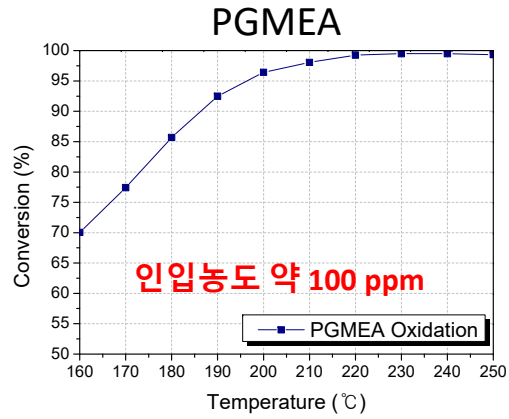
3) 사용 분석기 : UltraRAE 3000 (PID sensors)

물질별 보정계수 정보

물질	보정 계수
PGMEA	1.0
Toluene	0.50
IPA	6.0
MEK	0.9
Acetone	1.1



2. 실험 결과



	PGMEA	Toluene	IPA	MEK	Acetone
T ₉₈ (°C)	210	220	208	221	233
T ₉₅ (°C)	196	206	197	212	211
T ₉₀ (°C)	186	185	188	200	198