



VOCs destruction efficiency of Purelyst MD-101 Catalyst

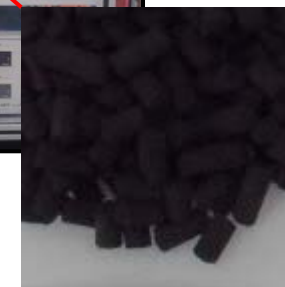
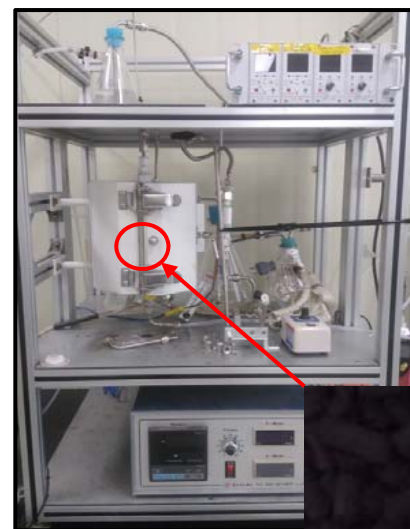


1. Test condition

1) Test condition

구분	Contents
Catalyst	Purelyst MD-101 pellet
SV (h ⁻¹)	10,000
Temperature (°C)	160~250
VOCs	PGMEA
	Toluene
	IPA
	MEK
	Acetone

2) Test equipment

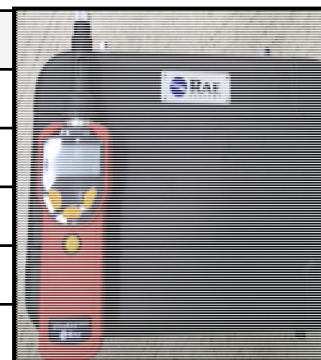


Catalyst

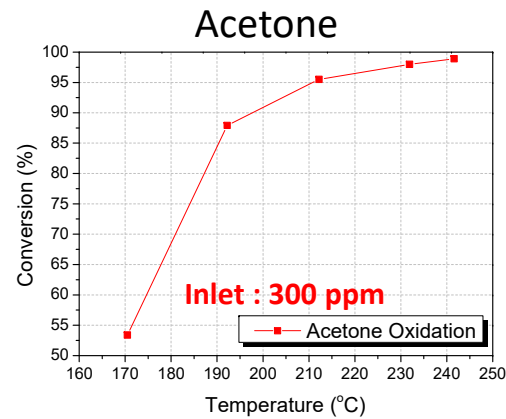
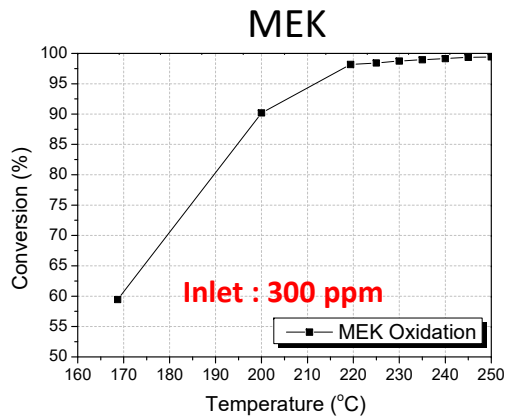
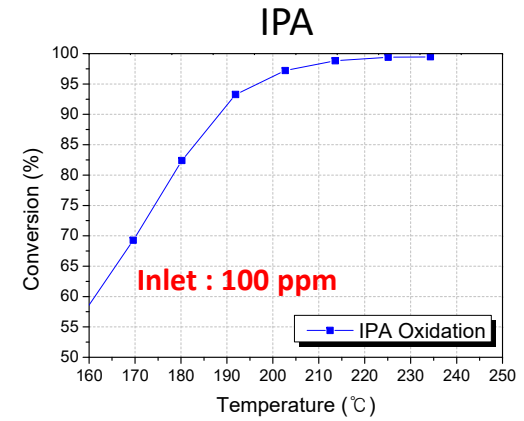
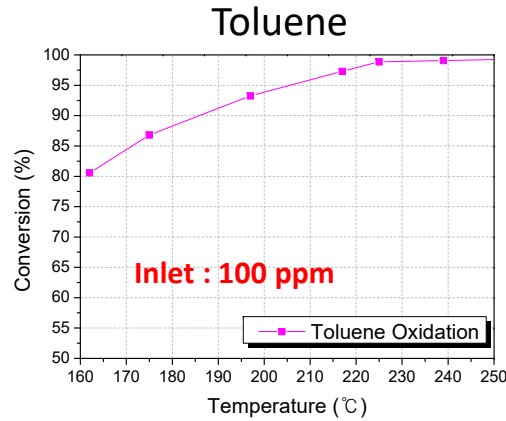
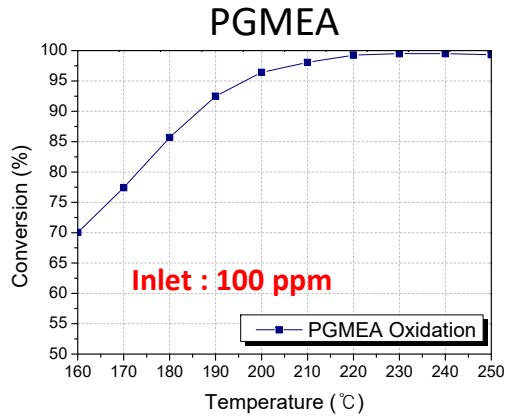
3) Gas analyzer : UltraRAE 3000 (PID sensors)

Correction factor

VOCs	Correction factor
PGMEA	1.0
Toluene	0.50
IPA	6.0
MEK	0.9
Acetone	1.1



2. Test result



	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