

Development Project of "New Mo Precursors" Ver.2

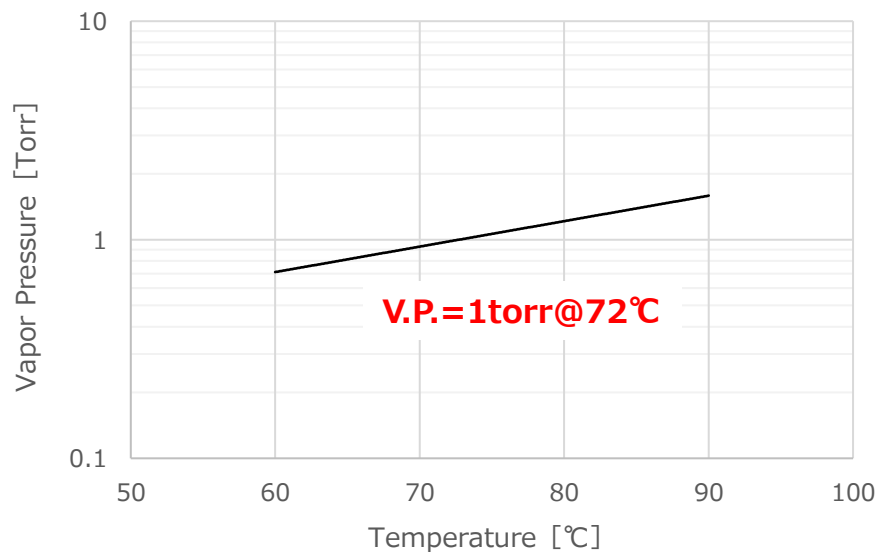
Target

- MoO_x
- Mo_xN_y
- Mo metal

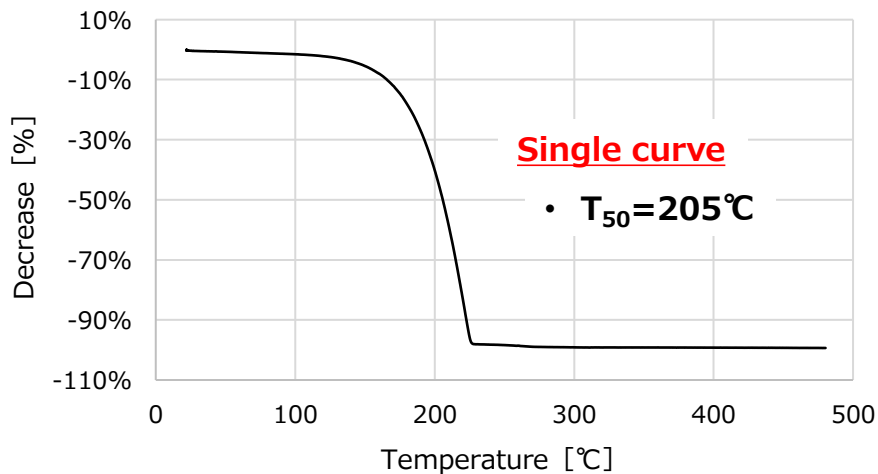
New Mo Precursor

- Code Name : [TCMo-19](#)
- Physical State : [Liquid](#)

[V.P. curve]



[TG-DTA]

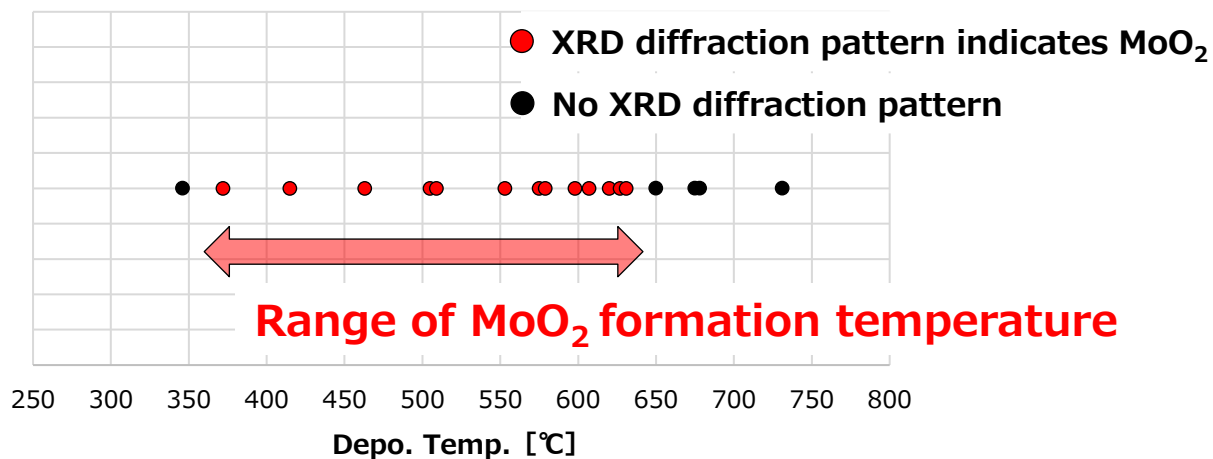
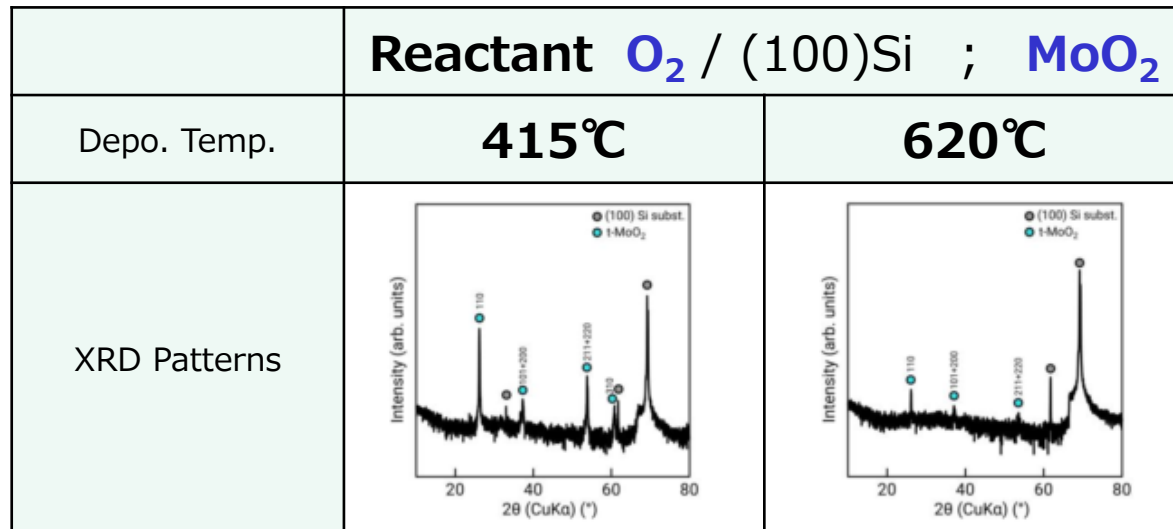


Collaboration "YNU A.I.TO Laboratory"

□ Result (1)

- Laser CVD
- MoO₂

[Comparison of Deposition Temperature]



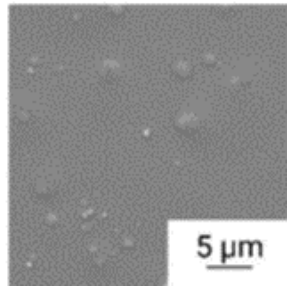
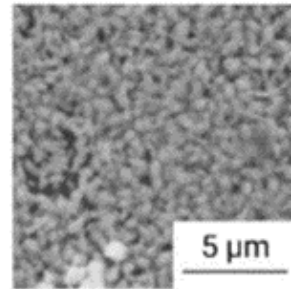
■ Collaboration “YNU A. ITO Laboratory”

□ Result (2)

■ Laser CVD

■ MoO₃

[Comparison of before and after annealing]

	As Depo.	After annealed
Condition	375°C / 10min	600°C / 3hr
Composition	MoO ₂	MoO ₃
Surface SEM image		

[XRD]

