

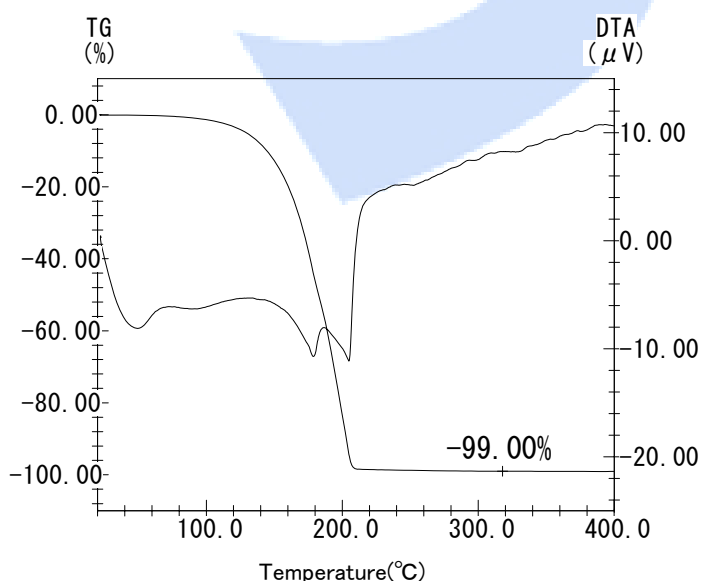


Zr(NEtMe)₄

Zirconium tetrakis(ethylmethanamide)

Tetrakis(ethylmethanamino)zirconium

Chemical formula	Zr[N(C ₂ H ₅)CH ₃] ₄	Formula weight	323.63						
CAS No.	[175923-04-3]	Melting point	< -70°C						
Physical form	colorless or pale-yellow liquid								
Density	ca. 1.05g/cm ³								
Viscosity(40°C)	2~3cP (estimate from viewing)								
Degree of association	1								
Solubility	miscible with toluene , hexane and octane								
air and moisture sensitive									
Typical impurities (ppm)	Na<1	K<1	Mg<1	Ca<1	Cr<1	Fe<1	Cu<1	Ni<1	Hf 10
Vapor pressure (as monomer)	estimated from evaporation								
	ca. 65°C/0.1Torr								

Fig. TG-DTA of Zr(NEtMe)₄ (1atm , in Ar)