

## Hf(NEt<sub>2</sub>)<sub>4</sub>

Hafnium tetrakis(diethylamide)

Tetrakis(diethylamino)hafnium

|                             |                                                                  |                |         |
|-----------------------------|------------------------------------------------------------------|----------------|---------|
| Chemical formula            | Hf[N(C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> ] <sub>4</sub> |                |         |
| CAS No.                     | [19962-12-0]                                                     | Formula weight | 467.01  |
| Physical form               | pale-yellow liquid                                               | Melting point  | < -70°C |
| Density                     | ca. 1.25 g/cm <sup>3</sup>                                       |                |         |
| Viscosity(20°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 Zr 1,000          |                |         |
| Vapor pressure (as monomer) | estimated from evaporation                                       |                |         |

ca. 90°C/0.1Torr

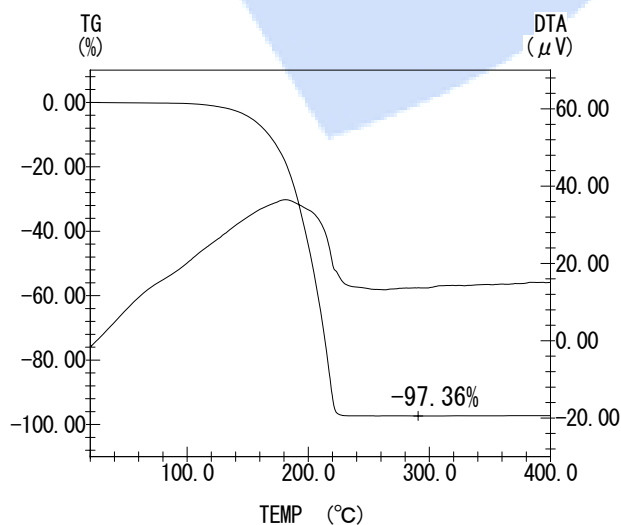


Fig. TG-DTA of Hf(NEt<sub>2</sub>)<sub>4</sub> (1atm , in Ar)