

氧化鋂 THULIUM OXIDE

分子式/Formula: Tm_2O_3

外觀/Appearance: 淺綠色粉末/Light green power

用途/Use: 電子材料

項目 Items	規格 Specifications			典型數據 Typical analyses	分析儀器 Analytical instruments
牌號 Code	Tm_2O_3 -035	Tm_2O_3 -03	Tm_2O_3 -025		
REO %	≥ 99	≥ 99	≥ 99		
純度與相關稀土雜質 purity and relative RE impurities					
Tm_2O_3 / REO %	≥ 99.95	≥ 99.9	≥ 99.5		
Ho_2O_3 / REO %	≤ 0.05	≤ 0.1	≤ 0.5		②
Er_2O_3 / REO %					
Yb_2O_3 / REO %					
Lu_2O_3 / REO %					
Y_2O_3 / REO %					
非稀土雜質 Non-RE impurities					
Fe_2O_3 %	≤ 0.005	< 0.01	≤ 0.05		③
SiO_2 %	≤ 0.005	≤ 0.01	≤ 0.05		
CaO %	≤ 0.02	≤ 0.05	≤ 0.1		③
灼減 Loss on ignition (1000°C, 1hour) %	≤ 1	≤ 1	≤ 1		

注 Notes:

- ② ICP-AES 電感耦合等離子體原子發射光譜儀/Induction coupler plasma atomic emission spectrograph
- ③ PE-3100 原子吸收分光光度計/Atomic absorption spectrophotometer