



Submicron Rhenium powder

Properties

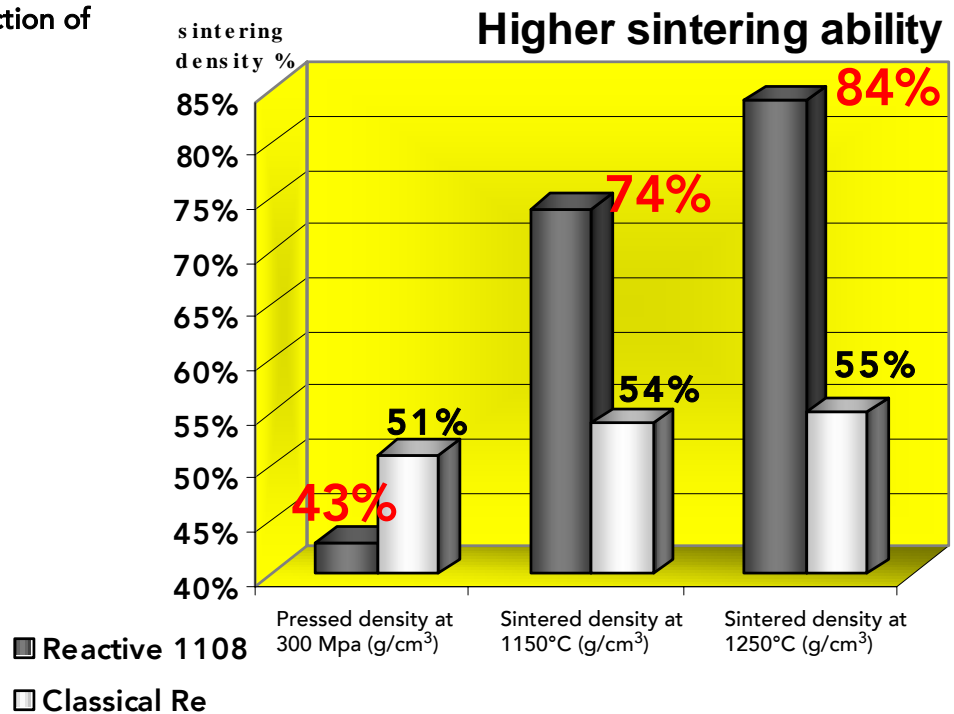


Reactive 1108

RE1108	Typical	Guaranteed
Fisher grain size (µm)	1.0	1.0 ± 0.3
BET surface (m ² /g)	2.0	
Oxygen content (%)	0.8	1.1 maxi
Rhenium content (%) (excluding oxygen)	99.99	99.98 mini

Sintering ability

Sintering density as a function of
sintering temperature



Reactive 1108 achieves densities in excess
of 80% by free sintering à 1250°C

Main applications

- W-Re for thermocouples and refractory metal
- Re for electrical conductors - electronics