

The Award Of Merit - *Materials*

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ReActive 1108

Company Name: Eurotungstene

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Manufacturing route used to produce the PM material: Hydrogen reduction

Chemical composition of PM Product: Rhenium

Typical physical properties:

a) Apparent density (g/cm³)

b) Flow rate (s/50g):

c) Sieve analysis:

Compacting properties: 45 % at 300 MPa (dry compaction)

Final product properties:

Density (g/cm³) 85 % of theoretical at 1250°C

Date PM Production First Started: 15/Apr/2004

Material being used currently?: Yes

The high sintering activity of ReActive1108 at low temperatures is a potential to make the forming process of bulk rhenium metal much easier.

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