

HMSP 1660-02

Product Data Sheet

Manufacturing Process

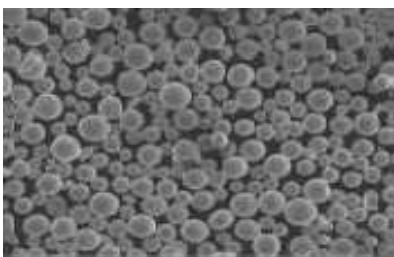
Gas Atomised

Origin: Belgium

Article No. 115027

Features & Benefits

Ni-based, HVOF and plasma spraying grade. Alloy for coating steam or gas turbine blades or others applications requiring extremely dense plasma coatings. The layer can be rendered completely dense by heat treatment



Application Properties

Hardness :

Solidus:

Liquidus :

Physical Properties

Fusing Temp

Physical Properties

Apparent Density

Flow

Chemical Analysis

Fe

C

Si

B

Cr

Ni

Sieve Analysis

µm Mesh

+ 71 + 200

+ 63 + 230

20 - 63

- 20

Typical Values

810

970

1200

Min

980

Typical Values

4.5

12.6

Product Specifications

Min

2.4

0.65

3.9

3.0

14.0

Balance

Max

4.6

0.80

4.9

3.4

16.0

Balance

Unit

HV30

°C

°C

Unit

°C

Unit

g/cm³

s/50g

Unit

%

%

%

%

%

%

Product Specifications

Min

balance

Max

0.00

1.00

3.00

Unit

%

%

%

%