



Surfit™ 1050

Manufacturing Process

Gas Atomised

Origin: Belgium

Article No. 115947

Features & Benefits

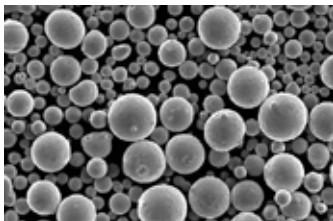
high wear resistance

high corrosion resistance

medium impact resistance

Powder Welding

Ni base



Application Properties

Hardness

Fusing-Temperature

Physical Properties

Apparent Density

Flow

Chemical Analysis

Fe

C

Si

B

Ni

Cr

Sieve Analysis

| µm | Mesh |
|--------|------|
| + 125 | +120 |
| + 106 | +140 |
| 20-106 | |
| -20 | |

Standard Packaging

Bottle 5 kg

Product Data Sheet

| Min | Max | Unit |
|------|------|------|
| 51 | 54 | HRC |
| 1000 | 1030 | °C |

| Typical Values | Unit |
|----------------|-------------------|
| 4,8 | g/cm ³ |
| 12,5 | s/50g |

| Product Specifications | | |
|------------------------|-------|------|
| Min | Max | Unit |
| 2,20 | 3,40 | % |
| 0,40 | 0,50 | % |
| 3,50 | 4,20 | % |
| 2,00 | 2,50 | % |
| balance | | |
| 9,50 | 12,50 | % |

| Product Specifications | | |
|------------------------|------|------|
| Min | Max | Unit |
| | 0,00 | % |
| | 3,00 | % |
| balance | | |
| | 8,00 | % |