

## 201 / 2.4068

Alloy 201 has excellent resistance to many corrosive media from acid to alkaline and is corrosion resistant. Alloy 201 offers good mechanical properties within a wide range of temperatures as well as magnetic and magnetostrictive properties and useful thermal and electrical conductivities.

Gehe zu +

### Material Data Sheet

|                      |                              |
|----------------------|------------------------------|
| Material Designation | 2.4066/2.4068                |
| Alloy                | Alloy 201                    |
| EN Material Symbol   | -                            |
| UNS                  | N 02201                      |
| Trademark            | Nickel 99.2 / LC Nickel 99.2 |
| VdTUV Data Sheet     | 345                          |

### Main fields of application of Alloy 201

Alloy 201 is commonly used in food industry, but it is also in used vessels up to 600°C and sodium hydroxide evaporators up to 450°C. Alloy 201 is also often used in vessels for production of flour, hydrochloric acid or vinylchloride monomer.

### Chemical composition of Alloy 201

| Ni %  | C %  | Si % | Mn % | Fe % | S %  | Ti % | Cu % | Mg % |
|-------|------|------|------|------|------|------|------|------|
| 99,00 | 0,02 | 0,2  | 0,35 | 0,04 | 0,01 | 0,1  | 0,25 | 0,15 |

### Characteristics of Alloy 201

|                   |                            |
|-------------------|----------------------------|
| Temperature Range | Material for wet corrosion |
| Density           | 8,9 g/cm <sup>3</sup>      |
| Melting Range     | 1435-1445 °C               |

### Filler metal (for welding with 2.4066/2.4068)

2.4155, 2.4620, 2.4806,

covered electrodes 2.4156

### Delivery program

Sheets and Plates: 3 - 10 mm on stock

With short delivery time:

plates or sheets, tubes, flanges, forged or die-cut rings and round blanks, elbows, T-fittings, reductions, screws, nuts or washers according to your request. According to your individual wishes, we are able to cut our material with our plasma- or water jet cutter. Our material is stocked in superformats of 2000x6000mm. Cut to size on request.

### Material Outlet by Hempel

Kennen Sie unseren Hempel Outletprogramm?

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### Contact us



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## Services



Waterjet cutting



Laser cutting



Plasma cutting



Shear cutting

## Weight Calculator