

## Material: ISO Ni 9950

### Standard Specification for Refined Nickel Alloy Castings

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** ISO Ni 9950 Refined Nickel Alloy Castings

**Application:** Intended for Valve, Pump, General Engineering, Automotive and other Industries

**Grade Belongs to the Industry:** Casting

| Chemical Composition |           |             | Heat Treatment                       |   |
|----------------------|-----------|-------------|--------------------------------------|---|
| Carbon               | C %       | 0.050 max.  | As-Cast or Annealing or Age Hardning |   |
| Cobalt               | Co %      | 1.000 max.  |                                      |   |
| Copper               | Cu %      | 0.100 max.  |                                      |   |
| Iron                 | Fe %      | 0.100 max.  |                                      |   |
| Sulphur              | S %       | 0.030 max.  |                                      |   |
| Lead                 | Pb %      | 0.005 max.  |                                      |   |
| Ni + Co              | Ni% + Co% | 99.500 min. |                                      |   |
| -                    | -         | -           |                                      |   |
| -                    | -         | -           |                                      |   |
| -                    | -         | -           |                                      |   |
|                      |           |             | Mechanical Properties                |   |
|                      |           |             | Tensile Strength in Mpa              | - |
|                      |           |             | Yield Strength in Mpa                | - |
|                      |           |             | Elongation in %                      | - |
|                      |           |             | Reduction of Area in %               | - |
|                      |           |             | Hardness in BHN                      | - |
|                      |           |             | Impact in Joule                      | - |

| Cross Reference Table |          |         |                              |
|-----------------------|----------|---------|------------------------------|
| Material              | Standard | Country | Grade Belong to the Industry |
| 2.4022                | DIN      | Germany | Casting                      |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |

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