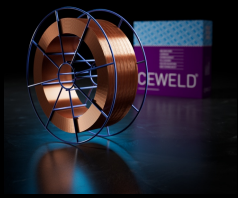


# CEWELD CuMn12Ni2

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    |                         |          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|--------------------|-------------------------|----------|
| TYPE                                              | CuMnNi Mig/Mag welding wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                      |                    |                         |          |
| TOEPASSINGEN                                      | CEWELD CuMn12Ni2 is a special welding wire for magnetic (solenoid) valves. For steels of all types. Also suitable for zinc-coated sheets                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |                      |                    |                         |          |
| EIGENSCHAPPEN                                     | High pressure resistance and high wear resistance. The alloy is characterized by very low thermal electromotive force (emf) compared to copper.                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    |                         |          |
| CLASSIFICATIE                                     | EN ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24373: CuZ(CuMn12Ni2)   |                      |                    |                         |          |
|                                                   | W.Nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ~ 2.1362                |                      |                    |                         |          |
|                                                   | F-nr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 37                      |                      |                    |                         |          |
| GESCHIKT VOOR                                     | Magnetic valves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    |                         |          |
| GOEDKEURINGEN                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    |                         |          |
| LASPOSITIES                                       |        |                         |                      |                    |                         |          |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | Mn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                         | Ni                   |                    | Cu                      |          |
|                                                   | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                         | 2                    |                    | 86                      |          |
| MECHANISCHE WAARDEN                               | Heat Treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Impact Energy (J) ISO-V | Hardness |
|                                                   | As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                         | 400                  | 40                 | RT                      |          |
|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    | 100                     | 100 HB   |
| HERDROGEN                                         | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |                      |                    |                         |          |
| GAS ACC. EN ISO 14175                             | I1, I3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                         |                      |                    |                         |          |



# CEWELD CuMn12Ni2

CUMN12NI2 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663409157 |