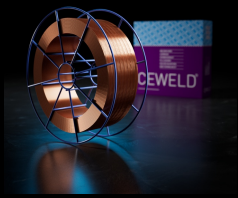


# CEWELD CuMn12Ni2

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    |                         |          |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|--------------------|-------------------------|----------|
| TYPE                                           | CuMnNi Mig/Mag welding wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                      |                    |                         |          |
| ANWENDUNGEN                                    | CEWELD CuMn12Ni2 is a special welding wire for magnetic (solenoid) valves. For steels of all types. Also suitable for zinc-coated sheets                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |                      |                    |                         |          |
| EIGENSCHAFTEN                                  | High pressure resistance and high wear resistance. The alloy is characterized by very low thermal electromotive force (emf) compared to copper.                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    |                         |          |
| KLASSIFIKATION                                 | EN ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24373: CuZ(CuMn12Ni2)   |                      |                    |                         |          |
|                                                | W.Nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ~ 2.1362                |                      |                    |                         |          |
|                                                | F-nr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 37                      |                      |                    |                         |          |
| GEEIGNET FÜR                                   | Magnetic valves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    |                         |          |
| ZULASSUNGEN                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                      |                    |                         |          |
| SCHWEISSPOSITIONEN                             |        |                         |                      |                    |                         |          |
| TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%) | Mn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ni                      |                      |                    | Cu                      |          |
|                                                | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                       |                      |                    | 86                      |          |
| MECHANISCHE GÜTEWERTE                          | 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   |
| RÜCKTROCKNUNG                                  | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |                      |                    |                         |          |
| GAS ACC. EN ISO 14175                          | I1, I3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                         |                      |                    |                         |          |



# CEWELD CuMn12Ni2

CUMN12NI2 1,0MM

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