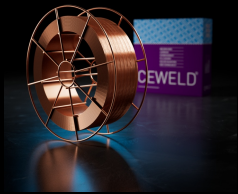


# CEWELD MA 350

|                                                |                                                                                                                                                                                                                                                                                                                                                                |                    |                         |                      |                    |          |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|----------------------|--------------------|----------|
| TYPE                                           | Welding wire for rebuilding parts and for buffer layers before hardfacing.                                                                                                                                                                                                                                                                                     |                    |                         |                      |                    |          |
| ANWENDUNGEN                                    | Rebuilding machine parts before Hardfacing and cladding crane and or train wheels to achieve a wear resistant layer against high pressure caused by metal to metal friction.                                                                                                                                                                                   |                    |                         |                      |                    |          |
| EIGENSCHAFTEN                                  | CEWELD MA 350 offers almost full hardness in the first layer and can be applied without any risk of cracking. Multiple layers or sandwich layers are possible before Hardfacing and will help to increase the hardness (wear resistance) from the hardface layer.                                                                                              |                    |                         |                      |                    |          |
| KLASSIFIKATION                                 | AWS                                                                                                                                                                                                                                                                                                                                                            | A 5.21: ERFe-1     |                         |                      |                    |          |
|                                                | EN ISO                                                                                                                                                                                                                                                                                                                                                         | 14700: S Fe2       |                         |                      |                    |          |
|                                                | DIN                                                                                                                                                                                                                                                                                                                                                            | 8555: MSG-5-GZ-350 |                         |                      |                    |          |
|                                                | W.Nr.                                                                                                                                                                                                                                                                                                                                                          | ~1.7363            |                         |                      |                    |          |
|                                                | F-nr                                                                                                                                                                                                                                                                                                                                                           | 71                 |                         |                      |                    |          |
| GEEIGNET FÜR                                   | 350 HB hardfaing alloy, sprocket wheels, rebuilding, crushing hammers, Rebuilding machine parts before hardfacing and cladding crane and or train wheels to achieve a wear resistant layer against high pressure caused by metal to metal friction.                                                                                                            |                    |                         |                      |                    |          |
| ZULASSUNGEN                                    |                                                                                                                                                                                                                                                                                                                                                                |                    |                         |                      |                    |          |
| SCHWEISSPOSITIONEN                             | <div> PA  PB  PC  PF</div> |                    |                         |                      |                    |          |
| TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%) | C                                                                                                                                                                                                                                                                                                                                                              | Mn                 | Cr                      | Ni                   | Mo                 | Fe       |
|                                                | 0.08                                                                                                                                                                                                                                                                                                                                                           | 0.5                | 6                       | 0.1                  | 0.5                | Rem.     |
| MECHANISCHE GÜTEWERTE                          | Heat Treatment                                                                                                                                                                                                                                                                                                                                                 |                    | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|                                                | As Welded                                                                                                                                                                                                                                                                                                                                                      |                    |                         |                      |                    | 360 HB   |
| RÜCKTROCKNUNG                                  | Not required                                                                                                                                                                                                                                                                                                                                                   |                    |                         |                      |                    |          |
| GAS ACC. EN ISO 14175                          | M21                                                                                                                                                                                                                                                                                                                                                            |                    |                         |                      |                    |          |



# CEWELD MA 350

MA 350 0,8MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403056 |

MA 350 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403063 |

MA 350 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403070 |

MA 350 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403094 |