



# CEWELD MA 650

**TYPE** Solid welding wire for hardfacing and rebuilding wornout parts.

**APPLICATIONS** Rebuilding or cladding wornout parts that needs to sustain high abrasion and medium impact.

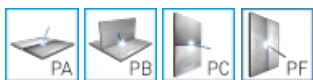
**PROPERTIES** Solid welding wire for Hardfacing parts that are subject to high abrasion, the addition of tungsten, vanadium and molybdenum offers better cutting properties and higher hardness. Hardness: 570-660 HB

|                       |        |                             |
|-----------------------|--------|-----------------------------|
| <b>CLASSIFICATION</b> | AWS    | A 5.21: ERF <sub>e</sub> -8 |
|                       | EN ISO | 14700: S Fe8                |
|                       | DIN    | 8555: MSG 3-GZ-60-T         |
|                       | W.Nr.  | 1.2606                      |
|                       | F-nr   | 71                          |

**SUITABLE FOR** Mixer blades, cutting knives, pumps, loader teeth, screws, sludge disposal, carbidge recycling etc.

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

| C   | Mn  | Cr | Mo  | V   | Fe   | W   |
|-----|-----|----|-----|-----|------|-----|
| 0.4 | 0.5 | 5  | 1.4 | 0.3 | Rem. | 1.3 |

**MECHANICAL PROPERTIES**

| Heat Treatment | R <sub>P0.2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 60 HRc   |

**REDRYING** Not required

**GAS ACC. EN ISO 14175** M21



# CEWELD MA 650

MA 650 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403148 |

MA 650 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403155 |