



# CEWELD MA 600

**TYPE** 1.4718 Solid 600 HB GMAW welding wire for Mig/Mag hardfacing and rebuilding wornout parts.

**APPLICATIONS** Rebuilding and Hardfacing parts that are subject to abrasion combined with heavy impact.

**PROPERTIES** CEWELD® MA 600 offers outstanding abrasion resistance combined with heavy shocks, despite the high hardness several layers can be applied without any risk of braking out or chipping of. In case of sensitive base material preheating is recommended at 300-400°C. Old Hardfacing layers should be removed, clean or grind properly before welding.

**CLASSIFICATION**

|        |                      |
|--------|----------------------|
| AWS    | A 5.21: ERFecr-A     |
| EN ISO | 14700: S Fe8         |
| DIN    | 8555: MSG-6-GZ-60-GP |
| W.Nr.  | 1.4718               |
| F-nr   | 71                   |

**SUITABLE FOR** Car recycling, cutters, pumps, stone crushers, knives, scissors, mixers etc.

**APPROVALS**

**WELDING POSITIONS**



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

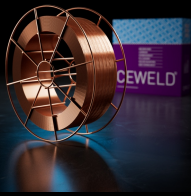
| C   | Mn  | Cr | Mo   | Nb    | V    | Fe   | W     | Si |
|-----|-----|----|------|-------|------|------|-------|----|
| 0.4 | 0.5 | 10 | 0.02 | 0.005 | 0.02 | Rem. | 0.005 | 3  |

**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 600

MA 600 0,8MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403100 |

MA 600 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403117 |
| D-200     | 5       | 8720663403124 |

MA 600 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403131 |
| Drum      | 250     | 8720682050064 |

MA 600 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403162 |