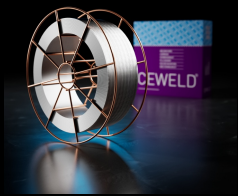


# CEWELD AA CrCoMo 46

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                         |                      |        |          |      |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|----------------------|--------|----------|------|
| TYPE                                        | High-alloyed tubular wire on a Cr-Co-Mo basis for high temperature applications.                                                                                                                                                                                                                                                                                                                |                    |                         |                      |        |          |      |
| TOEPASSINGEN                                | The characteristics of the deposit are comparable with cobalt-base alloys in terms of thermal shock and corrosion resistance that makes this alloy aplicable for overlaying parts that are subject to high temperatures combined with corrosion attack, wear and thermal shock combinations. AA CrCoMo 46 can be used as intermediate layer against metal to metal wear at high pressure loads. |                    |                         |                      |        |          |      |
| EIGENSCHAPPEN                               | Very good corrosion resistance combined with excelent hardness properties at temperatures upto 650°C. Scale resistant till 900°C and excellent strength at high working temperatures. Excellent weldability and often used as economical alternative for „stellite“<br>Best results with I1 (100%Ar) shielding gasses with 2,5-18%CO2 (M12-M20-M21) also possible.                              |                    |                         |                      |        |          |      |
| CLASSIFICATIE                               | EN ISO                                                                                                                                                                                                                                                                                                                                                                                          | 14700: T Fe3       |                         |                      |        |          |      |
|                                             | DIN                                                                                                                                                                                                                                                                                                                                                                                             | 8555: MF-3-45-CKTZ |                         |                      |        |          |      |
| GESCHIKT VOOR                               | Hot rolling parts for continuous casting, hotpress tools, pump parts, sleeves, mandrels, forging hammers, chemical and glas industry.                                                                                                                                                                                                                                                           |                    |                         |                      |        |          |      |
| GOEDKEURINGEN                               |                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                         |                      |        |          |      |
| LASPOSITIES                                 | <div>  </div>                                                                                                                                |                    |                         |                      |        |          |      |
| TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%) | C                                                                                                                                                                                                                                                                                                                                                                                               | Mn                 | Cr                      | Ni                   | Mo     | Co       | Si   |
|                                             | 0.2                                                                                                                                                                                                                                                                                                                                                                                             | 1.25               | 14.7                    | 1.45                 | 3.1    | 12.5     | 0.75 |
| MECHANISCHE WAARDEN                         | Heat Treatment                                                                                                                                                                                                                                                                                                                                                                                  |                    | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |      |
|                                             | As Welded                                                                                                                                                                                                                                                                                                                                                                                       |                    |                         |                      |        | 50 HRc   |      |
| HERDROGEN                                   | 140°C / 24 hr                                                                                                                                                                                                                                                                                                                                                                                   |                    |                         |                      |        |          |      |
| GAS ACC. EN ISO 14175                       | M12, M21, I1, M20                                                                                                                                                                                                                                                                                                                                                                               |                    |                         |                      |        |          |      |



# CEWELD AA CrCoMo 46

AA CRCOMO 46 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720682051993 |

AA CRCOMO 46 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403957 |