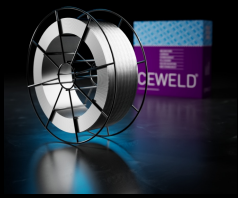




# CEWELD AA NiCrSiB

|                                             |                                                                                                                                                                                                                                                                      |              |                         |                      |        |          |   |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------|----------------------|--------|----------|---|
| TYPE                                        | High-alloyed tubular wire on a Ni-Cr-Si-B basis for high wear protection in several applications.                                                                                                                                                                    |              |                         |                      |        |          |   |
| TOEPASSINGEN                                | The characteristics of the deposit are comparable with cobalt-base alloys but with higher hardness, excellent corrosion resistance, heat resistance and thermal shock constancy.                                                                                     |              |                         |                      |        |          |   |
| EIGENSCHAPPEN                               | Very good corrosion resistance combined with high hardness even at higher temperatures. Excellent weldability and often used as economical alternative for „stellite“                                                                                                |              |                         |                      |        |          |   |
| CLASSIFICATIE                               | EN ISO                                                                                                                                                                                                                                                               | 14700: T Ni1 |                         |                      |        |          |   |
| GESCHIKT VOOR                               | rotary seal rings, pumps, sleeves, grinder parts, chemical and glas industry.                                                                                                                                                                                        |              |                         |                      |        |          |   |
| GOEDKEURINGEN                               |                                                                                                                                                                                                                                                                      |              |                         |                      |        |          |   |
| LASPOSITIES                                 | <div>PAPBPC</div> |              |                         |                      |        |          |   |
| TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%) | C                                                                                                                                                                                                                                                                    | Si           | Mn                      | Cr                   | Ni     | Fe       | B |
|                                             | 0.75                                                                                                                                                                                                                                                                 | 4.2          | 0.5                     | 13.5                 | 80     | 3        | 3 |
| MECHANISCHE WAARDEN                         | Heat Treatment                                                                                                                                                                                                                                                       |              | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |   |
|                                             | As Welded                                                                                                                                                                                                                                                            |              |                         |                      |        | 58 HRc   |   |
| HERDROGEN                                   | 140°C / 24 hr                                                                                                                                                                                                                                                        |              |                         |                      |        |          |   |
| GAS ACC. EN ISO 14175                       | I1                                                                                                                                                                                                                                                                   |              |                         |                      |        |          |   |



# CEWELD AA NiCrSiB

AA NICRSIB 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403322 |