

# CEWELD SP NiTi3

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                                 |    |    |     |    |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----|----|-----|----|
| TYPE                                              | Nickel based spray wire with excellent bonding properties                                                                                                                                                                                                                                                                                                                                              |                                 |    |    |     |    |
| TOEPASSINGEN                                      | Bonding layers in case high bonding strength is required, recommended as bonding layer for ceramic coatings.                                                                                                                                                                                                                                                                                           |                                 |    |    |     |    |
| EIGENSCHAPPEN                                     | Exothermic reaction for exceptionally high bond strengthResists corrosion and alkaline environmentsExcellent bond coat Service up to 800 °C (1470 °F) Is an ERNi-1 type specially modified for spraying.                                                                                                                                                                                               |                                 |    |    |     |    |
| CLASSIFICATIE                                     | EN ISO<br>W.Nr.                                                                                                                                                                                                                                                                                                                                                                                        | 14919: not classified<br>2.4156 |    |    |     |    |
| GESCHIKT VOOR                                     | <b>Ni 2061 (NiTi3)</b><br><b>W.Nr:</b> 2.4060, 2.4061, 2.4062, 2.4066, 2.4068, 2.4106, 2.4108, 2.4109, 2.4110, 2.4116, 2.4122, 2.4128, 2.4170, 2.4175<br>Ni 99.6 ; Ni 99.2 ; LC-Ni99.6 ; LC-Ni99, Ni99.4Fe, NiMn1, NiMn1C, NiMn1,5, NiMn2, NiMn3Al, NiMn5, NiAl4Ti, G-Ni95, G-Ni93C<br><b>ASTM</b> B160, B161, B162, B163<br><b>UNS:</b> N02200, N02201, N02205<br><b>Alloy:</b> 200, 201, 205, Monell |                                 |    |    |     |    |
| GOEDKEURINGEN                                     |                                                                                                                                                                                                                                                                                                                                                                                                        |                                 |    |    |     |    |
| LASPOSITIES                                       |                                                                                                                                                                                                                                                                                                                      |                                 |    |    |     |    |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C                                                                                                                                                                                                                                                                                                                                                                                                      | Si                              | Ni | Ti | Fe  | Al |
|                                                   | 0.08                                                                                                                                                                                                                                                                                                                                                                                                   | 0.2                             | 96 | 3  | 0.5 | 1  |
| MECHANISCHE WAARDEN                               |                                                                                                                                                                                                                                                                                                                                                                                                        |                                 |    |    |     |    |
| HERDROGEN                                         | Not required                                                                                                                                                                                                                                                                                                                                                                                           |                                 |    |    |     |    |
| GAS ACC. EN ISO 14175                             |                                                                                                                                                                                                                                                                                                                                                                                                        |                                 |    |    |     |    |