

# CEWELD SP NiTi3

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |    |     |    |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|----|-----|----|
| TYPE                                              | Nickel based spray wire with excellent bonding properties                                                                                                                                                                                                                                                                                                                                              |                       |    |    |     |    |
| APPLICATIONS                                      | Bonding layers in case high bonding strength is required, recommended as bonding layer for ceramic coatings.                                                                                                                                                                                                                                                                                           |                       |    |    |     |    |
| PROPERTIES                                        | 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.                                                                                                                                                                                               |                       |    |    |     |    |
| CLASSIFICATION                                    | EN ISO                                                                                                                                                                                                                                                                                                                                                                                                 | 14919: not classified |    |    |     |    |
|                                                   | W.Nr.                                                                                                                                                                                                                                                                                                                                                                                                  | 2.4156                |    |    |     |    |
| SUITABLE FOR                                      | <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 B160, B161, B162, B163</b><br><b>UNS:</b> N02200, N02201, N02205<br><b>Alloy:</b> 200, 201, 205, Monell |                       |    |    |     |    |
| APPROVALS                                         |                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |    |     |    |
| WELDING POSITIONS                                 |                                                                                                                                                                                                                                                                                                                      |                       |    |    |     |    |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C                                                                                                                                                                                                                                                                                                                                                                                                      | Si                    | Ni | Ti | Fe  | Al |
|                                                   | 0.08                                                                                                                                                                                                                                                                                                                                                                                                   | 0.2                   | 96 | 3  | 0.5 | 1  |
| MECHANICAL PROPERTIES                             |                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |    |     |    |
| REDRYING                                          | Not required                                                                                                                                                                                                                                                                                                                                                                                           |                       |    |    |     |    |
| GAS ACC. EN ISO 14175                             |                                                                                                                                                                                                                                                                                                                                                                                                        |                       |    |    |     |    |