

# 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<br>W.Nr.                                                                                                                                                                                          | 14919: not classified<br>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</b> B160, B161, B162, B163<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