



# CEWELD SP 10 Mn

|               |                                                                                                                                                                                                                 |                      |  |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--|
| TYPE          | Solid drawn thermal spray wire for iron based coatings with low Si and Mn content                                                                                                                               |                      |  |
| TOEPASSINGEN  | Machine parts, lockers, undersized axis, scratched surfaces, shafts, cylinder surfaces etc..                                                                                                                    |                      |  |
| EIGENSCHAPPEN | Stable spray arc with wide parameter range, CEWELD <sup>®</sup> SP 10Mn can be applied with the electric arc and flame spray process offering remarkable bonding strength and excellent lubricating properties. |                      |  |
| CLASSIFICATIE | EN ISO<br>W.Nr.                                                                                                                                                                                                 | 14919: 5.1<br>1.0351 |  |
| GESCHIKT VOOR | Flame spray, electric spray and high speed flame spray.                                                                                                                                                         |                      |  |

## GOEDKEURINGEN

## LASPOSITIES



## TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

| Si   | Mn   | Fe   | C   |
|------|------|------|-----|
| 0.05 | 0.55 | Rem. | 0.1 |

## MECHANISCHE WAARDEN

| Heat Treatment | R <sub>p0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 160 HB   |

HERDROGEN Not required

GAS ACC. EN ISO 14175