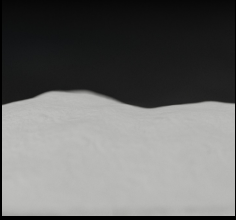




# CEWELD Powder

## NiCrBSi WC2

|                                                        |                                                                                                                                                                                                                                                                                              |                         |                            |                         |           |          |    |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------|-------------------------|-----------|----------|----|
| TYPE                                                   | Water atomised self fluxing metal powder for hardfacing.                                                                                                                                                                                                                                     |                         |                            |                         |           |          |    |
| APPLICATIONS                                           | Flame spray powder for overlay spray and fuse on wear parts that need to outlast new parts where high temperatures combined with corrosion and wear resistance is required.                                                                                                                  |                         |                            |                         |           |          |    |
| PROPRIÉTÉS                                             | Self fluxing Tungsten alloy with excellent corrosion and wear resistance suitable for working temperatures Up to 950°C. The coatings are dense and practically oxide free. The low friction properties makes the alloy excellently suitable for metal to metal wear. Machinable by grinding. |                         |                            |                         |           |          |    |
| CLASSIFICATION                                         | EN ISO                                                                                                                                                                                                                                                                                       | 14232-1 WC-NiCr 60/30/3 |                            |                         |           |          |    |
| CONVIENT POUR                                          | For coating the following base materials:<br>Structural steel, stainless steel, nickel alloys, heat-treatable steels, if preheated to 300 °C (570 °F) to prevent extensive cracking in the coating.                                                                                          |                         |                            |                         |           |          |    |
| AGRÉMENTS                                              |                                                                                                                                                                                                                                                                                              |                         |                            |                         |           |          |    |
| POSITIONS DE SOUDAGE                                   |                                                                                                                                                                                                             |                         |                            |                         |           |          |    |
| ANALYSE CHIMIQUE<br>TYPIQUE DU MÉTAL DE<br>SOUDURE (%) | C                                                                                                                                                                                                                                                                                            | Si                      | Cr                         | Ni                      | Fe        | B        | WC |
|                                                        | 2.5                                                                                                                                                                                                                                                                                          | 1.8                     | 3                          | Rem.                    | 0.6       | 1.2      | 60 |
| PROPRIÉTÉS MÉCANIQUES                                  | Heat<br>Treatment                                                                                                                                                                                                                                                                            |                         | R <sub>P0,2</sub><br>(MPa) | R <sub>m</sub><br>(MPa) | A5<br>(%) | Hardness |    |
|                                                        | As Welded                                                                                                                                                                                                                                                                                    |                         |                            |                         |           | 50 HRc   |    |
| ETUVAGE                                                | Not required                                                                                                                                                                                                                                                                                 |                         |                            |                         |           |          |    |
| GAS ACC. EN ISO 14175                                  | None                                                                                                                                                                                                                                                                                         |                         |                            |                         |           |          |    |



# CEWELD Powder

## NiCrBSi WC2

POWDER NICRBSI WC2 (-  
125/25 MM)MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Can       | 3,5     | 8720663410542 |