


CEWELD Powder 8812-Ni

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| TYPE | Carbide powder, agglomerated and sintered | | |
| APPLICATIONS | <p>CEWELD® Powder 8812-Ni is a carbide powder used to produce wear-resistant coatings via flame, plasma, or high-velocity oxygen fuel (HVOF) spraying.</p> <p>Areas of application include: Fan blades, Pump components, Dies, Valve seats, Oilfield equipment Other protective measures against erosion, abrasion, and sliding wear...</p> | | |
| PROPERTIES | <p>CEWELD® Powder 8812-Ni is ideal for applications requiring improved corrosion resistance compared to WC-Co types. The powder produces a hard, abrasive, and corrosion-resistant coating. High-gloss polished surfaces, similar to chrome, can be achieved using standard grinding or lapping processes.</p> <p>Typical hardness: 68 HRc Standard grain size: 53/20 µm Also possible: 45/15 µm, 45/20 µm, 53/20 µm</p> | | |
| CLASSIFICATION | EN ISO | 14232-1 WC-Ni 88/12 | |
| SUITABLE FOR | <p>Fan blades, Pump components, Dies, Valve seats, Oilfield equipment Other protective measures against erosion, abrasion, and sliding wear...</p> | | |
| APPROVALS | No Approvals Found | | |
| WELDING POSITIONS |  | | |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | Ni | | WC |
| | 12 | | 88 |
| REDRYING TEMPERATURE | Not required | | |
| GAS ACCORDING EN 14175 | None | | |