

CEWELD Powder 8812-Ni

TYPE

APPLICATIONS

PROPERTIES

CLASSIFICATION

SUITABLE FOR

APPROVALS

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

MECHANICAL PROPERTIES

REDRYING

GAS ACC. EN ISO 14175

Carbide powder, agglomerated and sintered

CEWELD® Powder 8812-Ni is a carbide powder used to produce wear-resistant coatings via flame, plasma, or high-velocity oxygen fuel (HVOF) spraying.
Areas of application include: Fan blades, Pump components, Dies, Valve seats, Oilfield equipment
Other protective measures against erosion, abrasion, and sliding wear...

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.
Typical hardness:
68 HRc
Standard grain size: 53/20 µm
Also possible: 45/15 µm, 45/20 µm, 53/20 µm

EN ISO14232-1 WC-Ni 88/12

Fan blades, Pump components, Dies, Valve seats, Oilfield equipment
Other protective measures against erosion, abrasion, and sliding wear...



Ni	WC
12	88

Not required

None