

CEWELD Powder Nickel 3

TYPE Gas atomized Nickel spray powder (NiBSi), suitable for spray - fuse and Cast iron welding.

TOEPASSINGEN CEWELD Powder Nickel 3 is designed for spray and fuse applications. For wear parts that need to outlast new parts where high temperature combined with corrosion and wear resistance is required. Small shafts, the leading edge of screw and centrifuge flights, keyways, splines and cams can all be efficiently coated or rebuilt with this process. Particularly well suited to the protection and restoration of glass container moulds. Also used for the restoration of automotive parts (clutch parts) or for repairing surface flaws in cast iron parts.

EIGENSCHAPPEN CEWELD Powder Nickel 3 has excellent corrosion and wear resistance and is suitable for working temperatures up to 950°C. The coatings are gas-tight and metallurgically bonded to the substrates by diffusion. ■ Hardness: HRC 22-27 ■ Can be used up to approx. 960 °C
 Typical Partical size (µm):
 36-106 / 20-106 / 53 - 150

CLASSIFICATIE EN ISO 14232-1 Ni-B-Si 95/2/3

GESCHIKT VOOR Particularly well suited to the protection and restoration of glass container moulds. Also used for the restoration of automotive parts (clutch parts). Also for repairing surface flaws in cast iron parts.

GOEDKEURINGEN

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	B	Fe	Ni	Si	Other
	1.2	0.12	Rem.	2.7	2.5

MECHANISCHE WAARDEN

HERDROGEN Not required

GAS ACC. EN ISO 14175 None