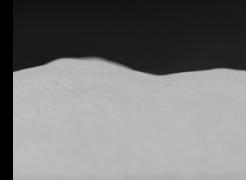


CEWELD Powder NiCrBSi WC2



TYPE	Nickel based metal powder with high tungsten carbide content												
APPLICATIONS	<p>CEWELD® Powder NiCrBSi WC2 is a spray powder for overlay spray and fuse and Laser or PTA welding on wear parts that need to outlast new parts where high temperatures combined with corrosion and wear resistance is required.</p> <p>Main applications in the field:</p> <ul style="list-style-type: none"> Stabilizers and hard band tools Decanter screws Debarking knives Agitator blades Bucket teeth and covers Universal fan blades and slag mills Agricultural scraper bars 												
PROPERTIES	<p>CEWELD® Powder NiCrBSi is a self fluxing Tungsten alloy with excellent corrosion and wear resistance suitable for working temperatures Up to 650°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.</p> <p>Hardness:</p> <ul style="list-style-type: none"> Matrix: 40-60 HRC Carbid: 2000-3000 HV01 Standard particle size: 125/25 µm 												
CLASSIFICATION	EN ISO	14232-1 WC-NiCr 60/30/3											
SUITABLE FOR	<p>For coating the following base materials:</p> <p>Structural steel, stainless steel, nickel alloys, heat-treatable steels, if preheated to 300 °C (570 °F) to prevent extensive cracking in the coating.</p>												
APPROVALS													
WELDING POSITIONS													
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Cr	Ni	Fe	B	WC						
	2.5	1.8	3	Rem.	0.6	1.2	60						
MECHANICAL PROPERTIES	Heat Treatment	R _{P0.2} (MPa)		Rm (MPa)	A5 (%)	Hardness							
	As Welded					50 HRc							
REDRYING	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