



CEWELD OA 70 Na

TYPE	High-alloy tubular wire based on a complex carbide alloy wire for hardfacing against extreme abrasion.									
ANWENDUNGEN	CEWELD® OA 70 Na is based on a nanotechnology concept of the alloy CCrMoNbWB. It forms special carbides for the wear protection coating of exhaust fans, mixer blades, kiln mixers, furnace chutes, scrapers, screw conveyors and other equipment that is subject to heavy abrasion and erosion at elevated temperature. (Best weldable with M21 mixed gas)									
EIGENSCHAFTEN	Resistant to heavy abrasion and erosion caused by impact. Retains its hardness at elevated temperatures of up to 750°C. Can withstand thermal cycling. Low coefficient of friction without lubrication. 64 - 66 HRc (first layer) 67 - 72 HRc (max. second layer)									
KLASSIFIKATION	EN ISO		14700: T ZFe8							
GEEIGNET FÜR	65-75 HRc Hardfacing wire used in mining, agriculture and steel mills, conveyor chains, agriculture, construction, mixer blades, paddles, cement pumps with excelent abrasion and wear resistance against sand and minerals.									
ZULASSUNGEN										
SCHWEISSPOSITIONEN	  									
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Cr	Mo	Nb	V	Fe	W	B
	2.5	2	1	9.5	4	7	2.5	Rem.	4.5	3
MECHANISCHE GÜTEWERTE	Heat Treatment			R _{p0,2} (MPa)		R _m (MPa)		A5 (%)	Hardness	
	As Welded								70 HRc	
RÜCKTROCKNUNG	Not required									
GAS ACC. EN ISO 14175	M21									