



CEWELD OA 70 Na

TYPE	High-alloy tubular wire based on a complex carbide alloy wire for hardfacing against extreme abrasion.									
APPLICATIONS	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)									
PROPERTIES	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)									
CLASSIFICATION	EN ISO		14700: T Z Fe8							
SUITABLE FOR	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.									
APPROVALS										
WELDING POSITIONS	PAPBPC									
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
MECHANICAL PROPERTIES	Heat Treatment			R _{p0,2} (MPa)		R _m (MPa)		A5 (%)	Hardness	
	As Welded								70 HRc	
REDRYING	Not required									
GAS ACC. EN ISO 14175	M21									