



CEWELD AA CrCoMo 50

TYPE	High-alloyed tubular wire on a C-Cr-Co basis for wear protection in several applications where metal to metal wear at high temperatures is needed. Weldable with shielding gas according EN 439: M11, M12 and M21										
ANWENDUNGEN	Hot working tools such as: Dies and Continuous casting rollers.										
EIGENSCHAFTEN	Very good corrosion resistance and high hardness due to the amount of „Cobalt“ even at higher temperatures. Excellent weldability and often used as economical alternative for „stellite“.										
KLASSIFIKATION	EN ISO	14700: T Fe3									
GEEIGNET FÜR	48-50 HRc hardfacing alloy containing Cobalt for excellent metal to metal wear, hot working tools, dies and continuous casting rollers.										
ZULASSUNGEN											
SCHWEISSPOSITIONEN	 PA  PB  PC										
TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)	C	Si	Mn	Cr	Mo	Co					
	0.1	0.7	0.4	15	3.2	14					
MECHANISCHE GÜTEWERTE	Heat Treatment	$R_{P0.2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness						
	As Welded				49 HRc						
RÜCKTROCKNUNG	140°C / 24 hr										
GAS ACC. EN ISO 14175	M21										