



CEWELD AA B57-62

TYPE	Seamless medium alloyed basic fluxcored wire with slag for hardfacing using Ar-CO2 mix				
APPLICATIONS	Rebuilding and cladding parts against strong abrasion and heavy impact.				
PROPERTIES	Due to the high resistance to cracking and toughness, all weld metal requires no buffer layer except on materials considered critical. In this situation CEWELD® ER 100 S-G is recommended. Suited for wear parts subject to heavy impact and shock. The interpass temperature should be maximum 250°C. The weld metal is machinable by special carbide tools, hardening is possible. The maximum hardness is dependent on the base metal and is achieved in the first layer. For material considered critical to cracking we advise to buffer with one layer CEWELD® AA B460.				
CLASSIFICATION	EN ISO	14700: T Fe4			
SUITABLE FOR	55-62 HRc hardfacing alloy against heavy impact and shock, bucket, loaders, crusher jaws, crusher cones, pumps, sand, snow scratchers, stone cutting tools etc.				
APPROVALS					
WELDING POSITIONS	PAPB				
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Cr	Mo
	0.5	0.6	1.5	6	0.5
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
	As Welded				60 HRc
REDRYING	Not required				
GAS ACC. EN ISO 14175	M21				