CEWELD AA 66B

certilas® THE FILLER METAL SPECIALIST

TYPE	High alloyed fluxcored wire for hardfacing against extreme abrasion.
APPLICATIONS	Rebuilding wornout parts or protecting new machine parts to increase life that suffer from extreme abrasive wear
PROPERTIES	High C-Cr-Nb, B-alloyed flux-cored wire electrode which forms extremely hard complex carbides for extremely wear resistant deposits on parts subject to excessively heavy abrasive wear weldable under mixed gas. Extreme good wear resistance due to excelent first layer hardness properties. More than 1 or 2 layers should not be deposited. A Buffer layer with OA 4370 or OA MnCr is recommended in case of old layers or critical base metals..
CLASSIFICATION	EN ISO 14700: T Fe16
SUITABLE FOR	64-68 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	

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Ni	Nb	B
2.5	0.6	2	11.5	5	2

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				66 HRc

REDRYING	Not required
GAS ACC. EN ISO 14175	M21