



CEWELD SACW 410 NiMoNbVW

TYPE Flux cored SAW wire for heat resistant steels

APPLICATIONS Steel mill rollers, transport rollers, castors for roller conveyors especially in hot working circumstances

PROPERTIES The alloy has a high wear resistance against metal to metal wear in hot working circumstances. The hardness is 45-53 HRC. Best properties are achieved with our agglomerates flux FL 838 or fused flux FL 880.

CLASSIFICATION EN ISO 14700: T Fe7

SUITABLE FOR S355, C45, Cr(NiMo) steels, CrNi(Mo) steels

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL
ANALYSIS OF WELD METAL
(%)

C	Si	Mn	Cr	Ni	Mo	Nb	V	Fe	W
0.27	0.45	1.2	14	2.7	2.1	0.9	1.3	Rem.	0.05

MECHANICAL PROPERTIES

Heat Treatment	R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				50.67 HRC

REDRYING Not required

GAS ACC. EN ISO 14175