



CEWELD S3 Mo

TYPE	Solid wire for submerged arc welding with 0,5% Mo
ANWENDUNGEN	Heat, creep-resistant and fine grain steel for working temperatures up to 500°C. Often used for pipe welding (X70).
EIGENSCHAFTEN	Increased yield and impact strength due to high manganese content, excellent welding properties in combination with FL 851 and FL 155
KLASSIFIKATION	AWS EN ISO W.Nr. F-nr FM A 5.23: EA4 14171-A: S3Mo, 24598-A: S MnMo 1.5426 6 3
GEEIGNET FÜR	S550GD, S355JO, E335, P285NH, P310GH, S355JOCu, 16Mo3, P355N - P460N, P355NH - P460NH
ZULASSUNGEN	CE
SCHWEISSPOSITIONEN	PA PB PC

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

C	Si	Mn	P	S	Mo
0.12	0.15	1.6	0.015	0.015	0.5

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V			Hardness
				0°C	-20°C	-40°C	
As Welded	550	660	24	95	65	50	HRc
580°C±15°C 2h	460	650	26	70	100	50	HRc

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175