CEWELD ER 70S-B2L Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Low alloyed welding wire for high tensile strength and creep resistant steels

APPLICATIONS

CEWELD ER70S-B2L is a low carbon content variation of the ER80S-B2 and is designed for the welding of 1¼Cr/½ Mo steel that require a lower as-welded hardness

PROPRIÉTÉS

This low carbon version of the B2 type is preferred where as welded repairs are done or where PWHT is not viable

CLASSIFICATION

AWS	A 5.28: ER 70S-B2L
EN ISO	21952-B: W 1CML
F-nr	6
FM	3

CONVIENT POUR

For similar 1.25%Cr-0.5%Mo-alloyed, heat-resistant, ferritic steels.
1.7335, 1.7242, 1.7337, 1.7357
13CrMo 4-5, 13CrMo 4-4, 16 CrMo4, 16CrMo 4-4, GS-17CrMo 5-5, G17CrMo5-5
ASTM: A182 grades F11/F12, A199/A200 T11, A217 grades,WC6/WC11, A234 grades WP11/WP12, A335 grades P11/P12, A387 grades 11/12
BSI/AFNOR: K12073, K11598, K 11568, J 12073, J 12072, J 11872, K11564

AGRÉMENTS

CE

POSITIONS DE SOUDAGE

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Mo
0.04	0.45	0.55	0.015	0.015	1.3	0.6

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
620°C±15°C 1h	420	550	20	HRc

ETUVAGE

Not required

GAS ACC. EN ISO 14175

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ER 70S-B2L TIG 1,6MM

Packaging	KG/unit	EanCode
Tube	5	8720663417473

ER 70S-B2L TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663417503