CEWELD SG Ni3,5

certilas® THE FILLER METAL SPECIALIST

TYPE

Solid MIG wire for extra low temperature applications.

APPLICATIONS

Used in petrochemical industry where it finds applications in construction of cryogenic plant and associated pipework, in the manufacture, storage and distribution of volatile liquids and liquefied gases.

PROPERTIES

Excelent impact properties at subzero temperatures down to -80°C.

CLASSIFICATION

AWS	A 5.28: ER 80S-Ni3
EN ISO	14341-B: G 57P 7 M22 SN71
F-nr	6
FM	1

SUITABLE FOR

ASTM	A 203 Gr D, E, F - A 333 Gr 3 - A 350 Gr LF3 - A 352 Gr LC3
EN	(BS 1501 Gr 503 - BS 1503 Gr 503 - BS 1504 Gr 503 LT60)

APPROVALS

CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Ni	Cu
0.1	0.6	1	0.01	0.01	3.5	0.12

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				-70°C	
620°C±15°C 2h	>550	>630	>25	40	HRc

REDRYING

Not required

GAS ACC. EN ISO 14175