

EZ - MIG 2209

CLASSIFICATION

EN ISO 14343-A	AWS / ASME SFA-5.9	W. Nr.
G 22 9 3 N L	ER2209	1.4462

DESCRIPTION AND APPLICATION

Stainless steel solid wire for gas metal arc welding of ferritic-austenitic (duplex) stainless steels. Wire can be used in a temperature range from -60°C up to +250°C. The weld metal not only features high strength and toughness, but is also exceptionally resistant to stress corrosion cracking and to pitting and can be used in applications containing chloride and hydrogen sulphide solutions.

Steel grade	DIN (W. Nr.)
Ferritic-austenitic (duplex) stainless steels	X2CrNiMoN22-5-3 (1.4462) X2CrNiN23-4 (1.4362)

Dissimilar materials X2CrNiMoN22-5-3 (1.4462) i X10CrNiMoNb18-12 (1.4583)
X2CrNiMoN22-5-3 (1.4462) i P235GH; P265GH; S255N; P295GH; S355N; 16Mo3

MECHANICAL PROPERTIES OF THE ALL-WELD METAL

$R_{p0.2}$ N/mm ²	R_m N/mm ²	A_5 %	KV (+20°C) J
> 510	> 680 - 890	> 20	≥ 47

APPROXIMATE CHEMICAL COMPOSITION OF THE WIRE

	C	Mn	Si	Cr	Ni	Mo	N
%	≤ 0,02	1,7	0,4	22,5	9,0	3,2	0,15

SHIELDING GAS

I1 (Ar)

PACKAGING

Wire diameter mm	Winding
0,8; 1,0; 1,2; 1,6	precision-wound (S-S)
15 kg - wire spool	

