

# EZ - TIG 2209

## CLASSIFICATION

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

## DESCRIPTION AND APPLICATION

Stainless steel rod for gas tungsten arc welding of ferritic-austenitic (duplex) stainless steels. Rod 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 <sup>2</sup>	$R_m$ N/mm <sup>2</sup>	$A_5$ %	KV (+20°C) J
> 510	> 680 - 890	> 20	≥ 47

## APPROXIMATE CHEMICAL COMPOSITION OF THE ROD

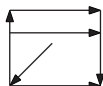
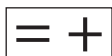
	C	Mn	Si	Cr	Ni	Mo	N
%	≤ 0,02	1,7	0,4	22,5	9,0	3,2	0,15

## SHIELDING GAS

I1 (Ar)

## PACKAGING

Rod diameter mm	Rod length mm	Weight of packaging kg
1,2; 1,6; 2,0; 2,4; 3,2	1000	5



Marking: ER 2209 / 1.4462