

## PRODUCT INFORMATION

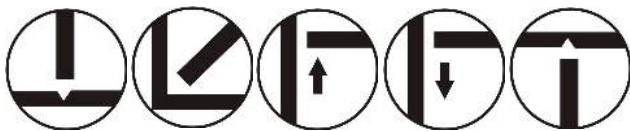
### SIFMIG DUPLEX 2209

EN ISO 14343-B: 2209 (G 22 9 3 NL)  
AWS A5.9: ER 2209

## DESCRIPTION

A continuous, solid, bare duplex stainless steel filler wire, for welding austenitic-ferritic alloys where a high resistance to intergranular corrosion, stress corrosion and pitting is required.

## WELDING POSITIONS



SIFMIG Duplex 2209 is designed to be used to weld parent material of a similar composition, and is common in sour applications where exposure to corrosive chlorides and hydrogen sulphides can occur.

## TYPICAL WELD METAL COMPOSITION

C	0.02 %
Si	0.5 %
Mn	1.7 %
Ni	8.5 %
Cr	22.5 %
Mo	3.3 %

## TYPICAL MECHANICAL PROPERTIES

Melting Point	1440 °C
Ult Tensile Strength	765 N/mm <sup>2</sup>
Hardness	240

## MATERIAL TO BE WELDED

Duplex is a material that is increasing in popularity for its strength-to-weight ratio, price stability and corrosion-resistant properties. It is used for sheet and pipe applications, in a wide range of industry sectors, including petrochemical, chemical/pharmaceutical, pulp & paper, mining and food & beverage.

## AVAILABLE FORMATS

SPOOLED WIRE (MIG / GMAW)			
Dia			15.0 kg
0.8mm			WO220815
1.0mm			WO221015
1.2mm			WO221215

Current :	DC = +
Shielding Gas :	Ar

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@weldability-sif.com](mailto:service@weldability-sif.com)

Doc Ref : SIF/PI/WO220815



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