ROYAL ER 2209 (ER 2209)

AWS / SFA 5.9 ER 2209 EN ISO 14343 A G/W 22 9 3 N L

Applications

Suitable for welding of duplex stainless steel material were the weld metal deposited combines increase tensile strength with improve resistance to pitting corrosion.

Characteristics on Usage

The nominal composition of this wire rod is 22.2%Cr, 8.5% Ni, 3 % Mo , 0.15% N. Deposit of this alloy have duplex microstructure consisting of austenite –Ferrite matrix. These stainless steels are characterized by high tensile strength, resistance to stress corrosion cracking, and improved resistance to pitting.

Packing

Each Packets content 5 kg of Wire Rods having length 500 mm.,1000 mm.

Chemical Composition Of Weld Metal

N%
0.08 - 2.0

Mechanical Properties Of Weld Metal

U.T.S. (N/mm^2)	ELONGATION (L = 4d) %
690 Min	20 -28 %