

Applications

Suitable for welding of duplex stainless steel material where the weld metal deposited combines increased tensile strength with improved 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 has a 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.

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 %

Packing

Each Packet contains 5 kg of Wire Rods having length 500 mm., 1000 mm.