AWS -SFA A 5.18 ER 80SG

ROYAL -ER 80SG (ER 80SG)

Applications

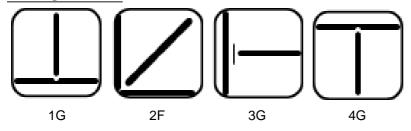
In general classification of metal requirements for welding of steel structures, pipe lines, construction of machinery, pressure vessels, where required strength 550 N/mm2 min.

Characteristics on Usage

Royal 80SG is a solid wire for flat and horizontal fillet welding position. As the deposition rate very high, gives smooth flow, shiny weld beads of radiographic quality.

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Welding Positions



Chemical Composition Of Weld Metal

C%	Mn%	Si%	S%	P%	Mo %	Cu %
0.08	1.35	0.50	0.020	0.020	0.30	0.35

Mechanical Properties Of Weld Metal

U.T.S.	Y.S.	ELONGATION	CVN IMPACT
(N/mm²)	(N/mm²)	(L = 4d) %	AT - 20°C (J)
550	460	22	30

Packing

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