

TRUSTARC™ MX-A80L

80%Ar - 20%CO₂

EN ISO 18276-A-T 69 6 Mn2,5Ni M M21 3 H5

AWS A5.28 E110C-G

EN ISO 9606-1: FM2

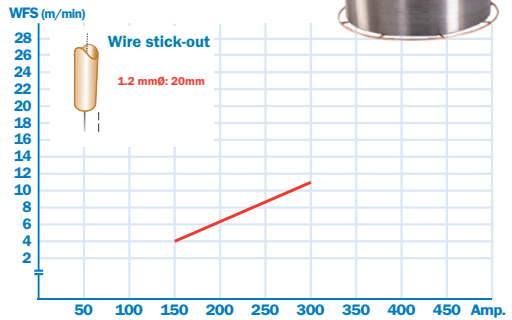
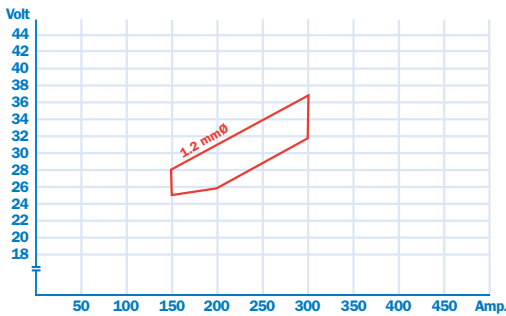
EN ISO 4063: 138

Description and Application

MX-A80L is designed for welding 690 MPa yield strength steels that are used in heavy industries such as offshore, pipeline, crane, construction machinery, etc.

MX-A80L is a metal cored wire for flat and horizontal welding. This wire provides excellent mechanical properties and crack resistance.

Recommended Parameter Range, for flat position



Typical Chemical Analysis (wt. %)

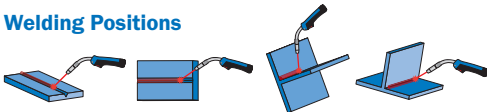
C	Si	Mn	P	S	Ni	Cr	Mo
0.06	0.48	1.87	0.008	0.010	2.37	-	0.09

Typical Mechanical Properties

	R _e (MPa)	R _m (MPa)	A ₅ (%)	CV(J)-40°C	CV(J)-60°C
Guaranty	min.690	770~940	min.17	min.47	min.47

* Example of Diffusible hydrogen content: 1.3 [ml/100g]

Welding Positions



Approvals

LR	DNV	BV	ABS	R.M.R.S	Others
5Y69S H5	VY69MS H5	-	5YQ690SA H5	-	-