

Description and Application

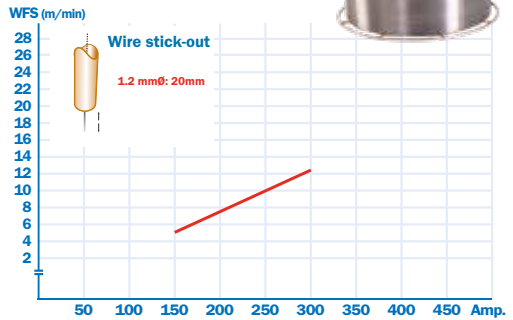
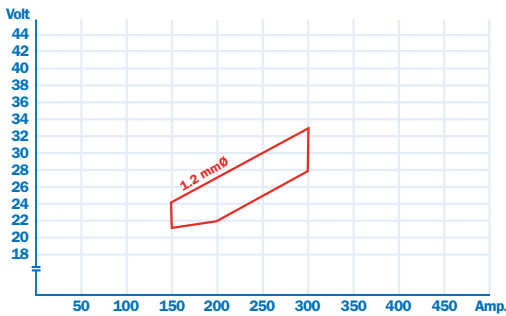
DW-62L is a rutile flux cored wire specially formulated to meet the rigorous demands for 500 MPa yield strength class low temperature service steels, as found in the offshore and shipbuilding industries.

Not only does this wire have excellent CTOD values at the standard -10°C test temperature, but it also has excellent CTOD values at the very severe test temperature of -40°C.

This wire is applied to the welding of medium to heavy section butt or fillet weld joints.



Recommended Parameter Range, for flat position



Typical Chemical Analysis (wt. %)

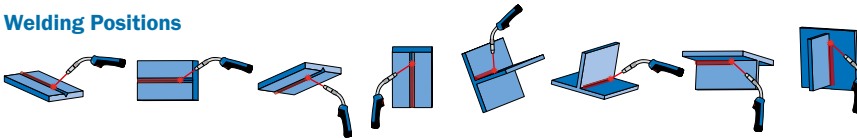
C	Si	Mn	P	S	Ni	Cr	Mo
0.08	0.27	1.32	0.009	0.007	2.6	-	-

Typical Mechanical Properties

	R _e (MPa)	R _m (MPa)	A ₅ (%)	CV(J)-60°C
	601	660	25	100
Guarantee	min.500	560~720	min.18	min.47

Example of Diffusible hydrogen content: 3.1 [ml/100g]

Welding Positions



Approvals

LR	DNV GL	BV	ABS	R.M.R.S	Others
-	-	-	5YQ500SA H5	5Y50 MS H5	-