

# PREMIARC™ DW-N82

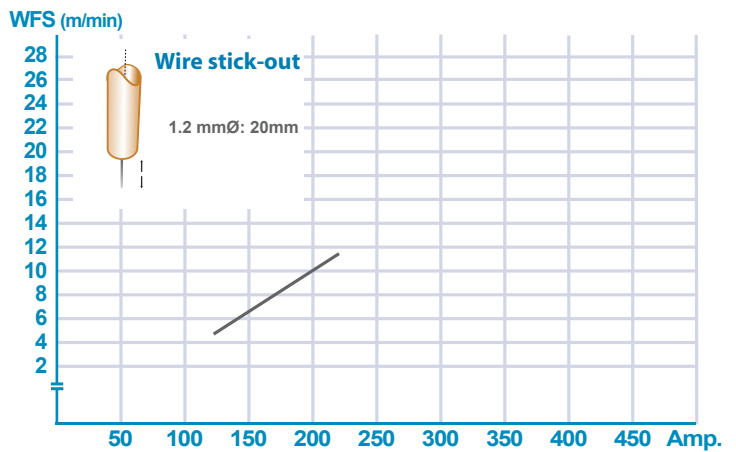
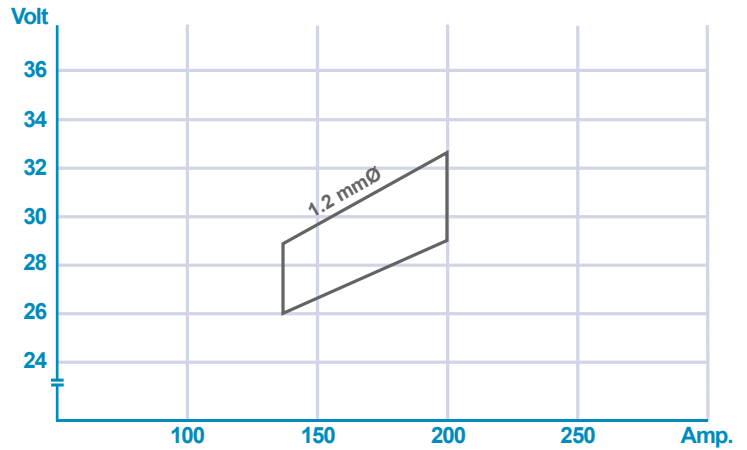
80%Ar - 20%CO<sub>2</sub>  
 EN ISO 12153 T Ni6082 R M 3  
 AWS A5.34 ENiCr3T0-4  
 EN 2.4806

## Description and Application

PREMIARC™ DW-N82 is a nickel based flux cored wire for welding alloy 600, 800.

PREMIARC™ DW-N82 is recommended for a variety of applications, including overlay welding of carbon steels or low alloy steels and a wide variety of dissimilar metal joints.

## Recommended Parameter Range, for flat position



## Typical Chemical Analysis (wt. %)

C	Si	Mn	P	S	Cu	Ni	Cr	Mo	Fe	Nb+Ta	Ti	Co	W	V
0.047	0.27	3.20	0.003	0.004	<0.005	70.2	21.0	-	2.2	2.7	0.30	-	-	-

## Typical Mechanical Properties

	R <sub>e</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	CV (J) 0°C	CV (J) -196°C
	383	649	46	128	-
Guarantee	min.360	min.550	min.25		

## Welding Positions



## Approvals

LR	DNV	BV	GL	ABS	R.M.R.S	Others
-	-	-	-	-	-	-