



DW-308LP

**Classification: AWS A5.22 E308LT1-1
AWS A5.22 E308LT1-4**

All-Weld-Metal (100%CO₂)

1-1. Chemical Composition

[Unit: mass%]

	C	Mn	Si	P	S	Ni	Cr	N
DW-308LP	0.02	1.40	0.53	0.018	0.011	10.07	19.12	0.014
E308LT1-X	<0.04	0.5~2.5	<1.0	<0.04	<0.03	9.0~11.0	18.0~21.0	-----
	WRC-1992 (FN)		Shaeffler Diagram (%)		Delong Diagram (FN)			
DW-308LP	8.7		7.6		10.1			
E308LT1-X	-----		-----		-----			

1-2. Tensile Test

	0.2% Proof stress (psi)	Tensile strength (psi)	Elongation (%)	Reduction of Area (%)
DW-308L	59,062	77,883	42	49
E308LT1-X	---	>75,000	>35	---

Note) Test was completed in the as welded condition and at room temperature



1-3. Impact Test

