



## DW-309LP

**Classification: AWS A5.22 E309LT1-1  
AWS A5.22 E309LT1-4**

### All-Weld-Metal (100%CO<sub>2</sub>)

#### 1-1. Chemical Composition

[Unit: mass%]

	C	Mn	Si	P	S	Ni	Cr	N
DW-309LP	0.02	0.80	0.42	0.017	0.005	12.59	23.24	0.039
E309LT1-X	<0.04	0.5~2.5	<1.0	<0.04	<0.03	12.0~14.0	22.0~25.0	-----
	WRC-1992 (FN)		Shaeffler Diagram (%)		Delong Diagram (FN)			
DW-309LP	14.7		11.7		17.0			
E309LT1-X	-----		-----		-----			

#### 1-2. Tensile Test

	0.2% Proof stress (psi)	Tensile strength (psi)	Elongation (%)	Reduction of Area (%)
DW-309LP	59,056	79,188	42	51
E309LT1-X	---	>75,000	>30	---

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



### 1-3. Impact Test

