

 **KOBELCO FCW Data Sheet 5**

**DW-308LP**

**Classification: AWS A5.22 E308LT1-1  
AWS A5.22 E308LTI-4**

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

**5-1. Chemical Composition**

Unit : wt%

	C	Mn	Si	P	S	Ni	Cr	N
DW-308LP	0.021	1.40	0.53	0.018	0.011	10.07	19.12	0.014
E308LTX-X	≤0.04	0.5/2.5	≤1.0	≤0.04	≤0.03	9.0/1 1.0	18.0/21.0	---

**5-2. Ferrite Content**

	Shaeffler Diagram (%)	Delong Diagram (FN)	1992-WRC Diagram (FN)
As Welded	7.6	10.1	6.7

**5-3. Tensile Test**

	0.2% Yield Strength (psi)	Tensile Strength (psi)	Elongation (%)	Reduction of Area (%)
DW-308LP	59,062	77,883	42	49
E308LTX-X	---	≥75,000	≥35	---

Note: Test **was** completed in the as-welded condition at room temperature.

**5-4. Impact Test**

