



DW-316LP

**Classification: AWS A5.22 E316LT1-1
AWS A5.22 E316LT1-4**

All-Weld-Metal (100%CO₂)

1-1. Chemical Composition

[Unit: mass%]

	C	Mn	Si	P	S	Ni	Cr	Mo	N
DW-316LP	0.02	1.38	0.59	0.021	0.005	12.32	18.55	2.64	0.039
E316LT1-X	<0.04	0.5~2.5	<1.0	<0.04	<0.03	11.0~14.0	17.0~20.0	2.0~3.0	-----
	WRC ₋₁₉₉₂ (FN)		Shaeffler Diagram (%)			Delong Diagram (FN)			
DW-316LP	7.1		7.2			9.4			
E316LT1-X	-----		-----			-----			

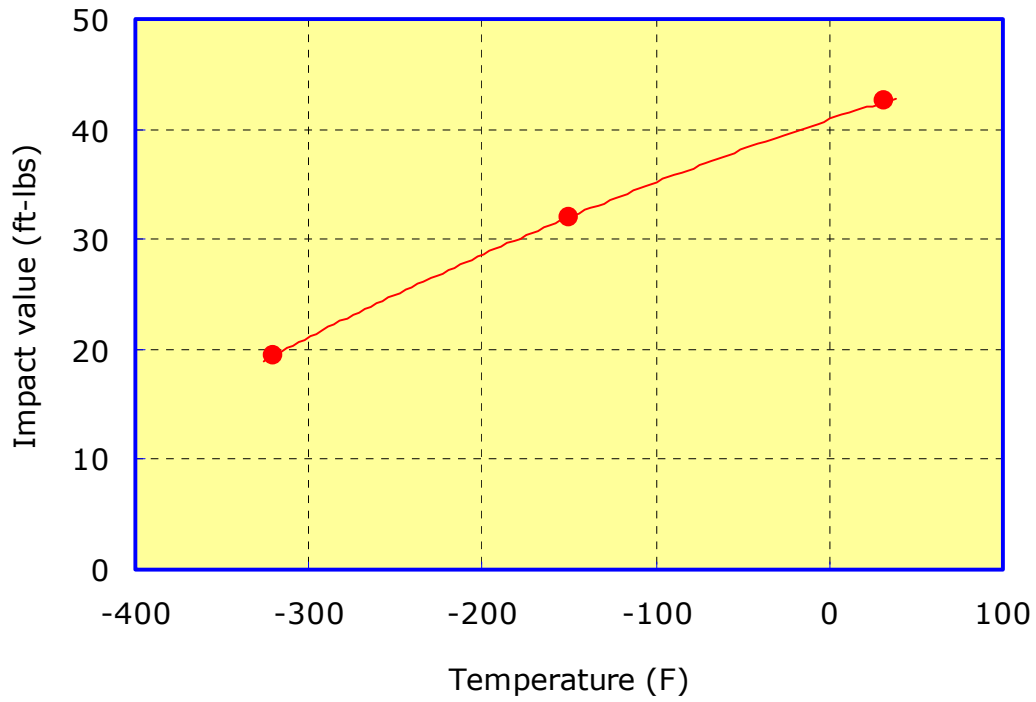
1-2. Tensile Test

	0.2% Proof stress (psi)	Tensile strength (psi)	Elongation (%)	Reduction of Area (%)
DW-316LP	60,172	81,508	36	44
E316LT1-X	---	>70,000	>30	---

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

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1-3. Impact Test



WARNING: This product can expose you to chemicals including Nickel and Titanium Dioxide, which are known to the State of California to cause cancer, and Chromium, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

DISCLAIMER

- Information in this material, such as chemical compositions and mechanical properties, is typical or an example for explaining the features and performances of our products, and it does not mean guarantee unless otherwise it is specified.
- Information contained herein is subject to change without notice. Please kindly contact Kobelco for latest information.