Alloy 230-W® DATA SHEET

AWS Class A5.14
AWS ERNiCrWMo-1, ASME SFA-5.14
UNS N06231
AMS 5839

DEPOSIT COMPOSITION

Ni	Fe	Cu	Mn	Si	S	C	Cr	Mo
Balance	**3.00 max**	**0.50 max**	**0.30-1.00 max**	**0.25-0.75**	**0.015 max**	**0.05-0.15**	**20.00-24.00**	**1.00-3.00**
W	**Co**	**P**	**Al**					
13.00-15.00	**5.00 max**	**0.03 max**	**0.20-0.50**					

The deposited weld metal contains excellent strength at high temperatures, combined with good oxidation resistance and long term stability.

Diameters

0.030”	**0.035”**	**0.045”**
3/32”	**1/16”**	**1/8"**
5/32”	**3/16”**	

Available in TiG cut length, MiG spools, and coil forms
Maximum Tensile Strength: 110,000 psi

Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.
230-W® is a registered trademark of HAYNES International

CAUTION: Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, “Safety in Welding and Cutting,” published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CRF 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210. SDS’ may be obtained at the website below.