



**MANUFACTURERS OF A DIVERSE RANGE OF
ADVANCED WELDING CONSUMABLES**

**SECTION
13**

WI-0304 DS173 NT-410NiMo, Rev. 0, Date 01.09.2008

NT-410NiMo	FILLER ROD FOR WELDING 410NiMo MARTENSITIC STAINLESS STEEL				DATA SHEET NO. 173					
SPECIFICATION	AWS A5.9	JIS Z 3321		BS EN 12072						
CLASSIFICATION	ER410NiMo	Y410NiMo		W 13 4						
WELD METAL ANALYSIS COMPOSITION % BY Wt.	C	Cr	Ni	Mo	Mn	Si	P	S	Cu	Fe
MIN	-	11	4.0	0.4	-	-	-	-		
MAX	0.06	12.5	5.0	0.7	0.6	0.5	0.03	0.03	0.75	
TYPICAL	0.02	12	4.5	0.6	0.7	0.45	0.02	0.002	0.05	Bal.
WELD METAL PROPERTIES (PWHT 610 °C/1h)	<u>PROPERTY</u>	<u>UNITS</u>		<u>TYPICAL</u>		<u>OTHERS</u>				
	Tensile strength	N/mm ²		850		HARDNESS 20 ~ 30 HRC				
	0.2% Proof stress	N/mm ²		800						
	Elongation on 4d	%		22						
Impact energy -50°C	J		60							
OTHER DATA	Argon mainly use as shielding gas									
RELATED PRODUCTS	Please contact our Technical Department for detail.									