

NSB-316LR	FILLER ROD FOR WELDING LOW-CARBON AUSTENITIC STAINLESS STEELS CONTAINING A NOMINAL 19Cr-12Ni- 2.5Mo											DATA SHEET NO. 170	
	SPECIFICATION	AWS A5.9			JIS Z 3321			BS EN 12072					
CLASSIFICATION	ER316L			Y316L			W 19 12 3 L						
WELD METAL ANALYSIS COMPOSITION % BY Wt.		C	Cr	Ni	Mo	Mn	Si	P	S	Cu	Fe	N	
	MIN	-	18	11	2.0	1.0	0.30	-	-	-			
	MAX	0.03	20	14	3.0	2.5	0.65	0.03	0.03	0.75			
	TYPICAL	0.02	19	12	2.3	1.8	0.4	0.02	0.001	0.24	Bal.	0.02	
WELD METAL PROPERTIES (ALL WELD METAL)	<u>PROPERTY</u>	<u>UNITS</u>		<u>MINIMUM</u>	<u>TYPICAL</u>	<u>OTHERS</u>							
	Tensile strength	N/mm ²		490	564								
	0.2% Proof stress	N/mm ²		-	400								
	Elongation on 4d	%		30	40								
	Impact energy -196 °C	J		-	60								
OTHER DATA	Argon mainly use as shielding gas												
RELATED PRODUCTS	Please contact our Technical Department for detail.												