



Changzhou Giant Welding Co.,Ltd
www.giantweld.com

Standard : AWS A5.22 E308LT1-1	Chemical Composition %								
	C	M n	Si	Ni	Cr	Mo	Cu	S	P
Grade E308LT1-1	≤ 0.04	0.5 ~ 2.5	≤ 1.0	9.0 ~ 11.0	18.0 ~ 21.0	≤0.50		≤0.03	≤ 0.04
Type	Spool (MIG)								
Specification (MM)	0.8、 0.9、 1.0、 1.2、 1.6			Pack	S100/1kg S200/5kg S270,S300/12.5kg-20kg				
Mechanical Properties	Rm / MPa				A(%)				
	≥ 520				≥ 35				
MIG Welding	(MM)	1.2			1.6				
	Current - A	120 ~ 250			160 ~ 300				
Application	<ul style="list-style-type: none">● Welding of austenitic stainless steels: It's primarily used for joining types such as 301, 302, 304, 304L, 308, 308L, 321, and 347. The low carbon content provides excellent resistance to intergranular corrosion and stress corrosion cracking.● Fabrication of stainless steel structures and equipment: This includes pressure vessels, tanks, and equipment used in industries like dairy, pulp and paper, textile dyeing, refineries, and chemical plants, where corrosion and heat resistance are crucial.● General welding, repair work, and construction projects: It offers good all-position welding capabilities with excellent bead appearance, low spatter, and easy slag removal, making it versatile for various fabrication and maintenance tasks.								

