



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

Standard : AWS A5.22 E308LT1-4	Chemical Composition %								
	C	M n	Si	Ni	Cr	Mo	Cu	S	P
Grade E308LT1-4	≤ 0.04	0.5 ~ 2.5	≤ 1.0	9.9 ~ 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	<div><div>• Welding of Austenitic Stainless Steels: Primarily used for joining stainless steel types such as 301, 302, 304, 304L, 308, 308L, 321, and 347. The "L" indicates low carbon content, providing excellent resistance to intergranular corrosion.</div><div>• Fabrication of Stainless Steel Structures and Equipment: This includes a wide range of applications such as pressure vessels, tanks, piping, and other equipment in industries like dairy, pulp and paper, textile dyeing, refineries, and chemical processing, where corrosion and heat resistance are critical.</div><div>• General Fabrication, Repair, and Cryogenic Applications: It offers good all-position welding characteristics, low spatter, and easy slag removal, making it suitable for diverse fabrication and maintenance tasks. Some variations are specifically designed for cryogenic applications, providing good toughness at very low temperatures.</div></div>								

