



Changzhou Sanzhong Welding Materials Co.,Ltd

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Standard: AWS A 5.7 S214	Chemical Composition %			
	Cu	Al	Fe	---
Grade S214	Rest	7.0 ~ 8.5	≤ 0.5	---
Specification (MM)	0.8、 1.0、 1.2、 1.6、 2.0、 2.4、 3.2、 4.0、 5.0			
Package	5 kgs/plastic bag in a color box, 20kgs/carton, 1 ton in a pallet			
Mechanical Properties		Tensile Strength Mpa	Elongation %	
	Specification	390 ~ 450	≥ 30	
Specification	Melting Range: Approximately 1030 - 1040 ° C.			
	Tensile Strength: Approximately 420 - 430 MPa.			
	Elongation: Approximately 30 - 40%.			
	Hardness: Approximately 100 HB.			
Application	Applications: Overlay welding of bearing and wear-resistant surfaces, joining/overlay welding of gray cast iron, welding of aluminum bronze and special brass, and MIG/TIG brazing of galvanized steel.			
	Corrosion Resistance: Provides good resistance to seawater, brackish water, and many common acids.			
	Welding Processes: Suitable for Gas Metal Arc Welding (MIG) and Gas Tungsten Arc Welding (TIG), using Argon as shielding gas.			



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