



Changzhou Sanzhong Welding Materials Co.,Ltd

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Standard: AWS A 5.7 S215	Chemical Composition %			
	Cu	Al	Fe	---
Grade S215	Rest	8.5 ~ 11.0	0.5 ~ 1.5	---
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	≥ 23	
Specification	Melting Point: Approximately 1040 ° C .			
	Tensile Strength (As Welded): Approximately 500 MPa . (Alternatively listed as 60,000 psi).			
	Elongation (As Welded): Approximately 35% . (AWS minimum requirement is 23%).			
	Hardness: Approximately 140 HB .			
Application	Applications: Joining aluminum bronze base metals, welding brass, steel, cast iron, and various dissimilar metals . Also used for overlays on parts exposed to wear or corrosion, such as shafts, propellers, bushings, and valve seats .			
	Corrosion Resistance: Provides good resistance to salt water and certain acidic conditions .			
	Welding Processes: Suitable for Gas Metal Arc Welding (MIG / GMAW) .			
	Shielding Gas: 100% Argon or a 75% Argon / 25% Helium mixture is recommended .			



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