



Changzhou Sanzhong Welding Materials Co.,Ltd

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Standard: AWS A 5.7 S216	Chemical Composition %				
	Al	Ni	Mn	Fe	Cu
Grade S216	7.0 ~ 9.5	0.5 ~ 3.0	0.5 ~ 2.5	0.5 ~ 2.5	Rest
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	≥ 530		≥ 10	
Specification	Melting Range: Approximately 1015 - 1045 ° C .				
	Tensile Strength: Typical values range from 500 - 700 MPa, depending on the specific product and testing conditions .				
	Elongation: Typical values range from 10% - 25% .				
	Hardness: Approximately 150 - 200 HB .				
Application	Applications: Specifically designed for welding nickel-aluminum bronze castings and forgings, with a primary use in marine applications such as ship propellers, as well as valves, pumps, and pipe systems . It offers excellent resistance to seawater, corrosion, erosion, and cavitation .				
	Welding Processes: Suitable for Gas Metal Arc Welding (MIG / GMAW) and Gas Tungsten Arc Welding (TIG / GTAW) .				



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