



Techalloy C656

Description

Techalloy C656 is a copper-base alloy containing about 3% silicon and is commonly known as Silicon Bronze. It can be used for TIG and MIG welding of copper-silicon and copper-zinc base metal alloys to themselves and also to steel.

For best results keep the weld pool small, interpass temperature below 150°F (65°C).

Specifications & Approvals

AWS A5.7 ERCuSi-A UNS C65600

Typical Chemical Composition

C	Mn	Si	Fe	Cr	Mo	Ni	Zn	W	S	P	Al	Ti	Cu
	.50	3.0	.01				.05						Bal

Typical Mechanical Properties

Tensile Strength	50,000 PSI—Min	

Standard Packages:

MIG Wire— 33# wire basket	TIG Wire— 10# tube/30# Master Carton	
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