

STRONG 70S-6

CLASSIFICATION: AWS SFA 5.18 ER 70S-6

Copper Coated Solid Wire For MIG & TIG Welding



CHARACTERISTICS

STRONG 70S-6 is a Copper Coated low carbon, Manganese-Silicon solid wire for MIG & TIG welding. Electrolytic process ensures excellent copper coating and good conductivity for high speed feeding in manual, semi-automatic and automatic applications.

APPLICATIONS

STRONG 70S-6 is highly suitable for welding of mild steel, low alloy steel and for general fabrication work. Some of the typical applications include sheet metal component welding, construction work, farm equipment fabrication, automobile bodies and components, wagons and rail coaches etc.

TYPICAL WIRE CHEMISTRY (%)

C	Mn	Si	P	S	Cu
0.07-0.10	1.40-1.85	0.80-1.15	0.025 MAX	0.025 MAX	0.50 MAX

ALL WELD MECHANICAL PROPERTIES

Required as per AWS 5.18	Y.S.	U.T.S.	ELONGATION	IMPACT VALUE AT -30°C
	MPa	MPa	%	JOULE
	≥400	≥490	≥22	≥27
Typical	440	530	28	55

PACKAGING SPECIFICATIONS - MIG

DIA SIZE 0.80MM / 1.00MM / 1.20MM / 1.60MM / 2.00MM

SPOOL WEIGHT 1KGS / 5KGS / 12.5KGS / 15KGS / 17.5KGS

DRUM WEIGHT 100KGS / 150KGS / 250KGS / 300KGS / 350KGS

PACKAGING SPECIFICATIONS - TIG

DIA SIZE 1.60MM / 2.00MM / 2.40MM / 3.15MM / 4.00MM

WEIGHT 5KGS / 20KGS