



FEAT CRAFT MILD STEEL ER70S-6 MIG SOLID WELDING WIRE



**EXCELLENT WELDING PERFORMANCE AND
SATISFACTORY IN VARIOUS WELDING POSITION**

SPECIFICATION

AWS : A5.18 / ER70S-6

MECHANICAL OF PROPERTIES OF DEPOSITED METAL

Wire	Condition	Shielding Gas	Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)	CVN Impact (J) @ -30 °C
AWS Requirement	As-welded	CO ₂	≥420	≥500	≥22	≥54
ER70S-6			450	565	27	125

CHEMICAL COMPOSITION – AS WELDED (%)

C	Mn	Si	P	S	Cu	Ni	Cr	Mo	V
0.076	1.43	0.86	0.014	0.009	0.112	0.008	0.022	0.008	0.005

WELDING PARAMETER

	TYPE OF CURRENT	AMPERE	VOLTAGE	SHIELDED GAS FLOW	X-RAY
RESULT	DCEP	35-340A	22-32V	CO ₂ / 17-28	1 and 2

PACKAGING AND CODE NUMBER

	MATERIAL	DIAMETER	PACKING	PALLET	CODE NO
SPOOL	MS 70-6	0.8mm	Plastic	1000kg	MS70613412
SPOOL	MS 70-6	1.0mm	Plastic	1000kg	MS70613416
DRUM	MS 70-6	1.2mm	Plastic	800kg	MS70615512

Welding Position

ALL POSITION



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