



MODI FC 71-T1 Flux Cored Wire For CO₂ Welding

CLASSIFICATION : AWS/A 5.20 : E71T-1

CHARACTERISTICS & APPLICATIONS : Smooth running all positional flux cored wire which offers improved operator appeal and lower fume and spatter levels under welding grade carbon dioxide shielding gas. The wire is designed for the single and multi-pass welding of mild and medium strength steels in the down hand, vertical-up and overhead positions. It is recommended for general steel construction and fabrication welding.

CHEMICAL ANALYSIS OF WIRE (%) :

	C	Mn	Si	S	P
	0.10 max	0.90-1.40	0.40-0.90	0.025 max	0.025 max

MECHANICAL PROPERTIES OF ALL WELD DEPOSIT USING WELDING GRADE CO₂

	Yield Strength	Ultimate Tensile Strength	Elongation	CVN Impact Values @-20°C
	(N/mm ²)	(N/mm ²)	(%)	(Joules)
	480 min	560 min	22 min	27 min

CURRENT CONDITIONS : DC with (+) polarity for wire

SHIELDING GAS : CO₂ or Argon + CO₂ (8-15 Litres/min.)

PACKING SPECIFICATION :

Wire Dia(mm)	1.20	1.60
Type	Spool	Spool
Pack Weight (Net) Kg	15.0	15.0

* Each spool is sealed in an airtight polythene bag and then packed in a corrugated box.



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