



## MEDIO

<b>CODIFICATION:</b>	AWS : SFA 5.1 E6013
	IS : 814 ER4222X
	EN ISO : 2560-A E 35 0 R 12

### CHARACTERISTICS AND APPLICATIONS:

A medium coated rutile type **Touch** electrode designed to operate even with 45 OCV, Suitable for all types of mild steel structures, plant machinery, pipes, dredgers, trawlers, etc. The weld metal is soft, ductile and is of radiographic quality.

### TYPICAL CHEMICAL COMPOSITION OF ALL WELD METAL:

Element	: C	Mn	Si	S	P
Percent	: 0.08	0.46	0.22	0.020	0.023

### TYPICAL MECHANICAL PROPERTIES OF ALL WELD METAL:

UTS (MPa)	YS (MPa)	Elongation (L = 5d)%	CVN Impact Strength at 0°C (Joules)
485	438	28	60

### CURRENT AND PACKING DATA: AC / DC(-)

Size (mm) Dia x Length	: 5x450	4x450	3.15x450	3.15x350	2.5x350
Current Range (Amps)	: 200-260	140-190	100-135	100-135	60-90
Qty.(Pcs./Carton)	: 50	90	150	150	225

**APPROVALS:** ABS, BIS, BV, CE, CIB-MP, DNV, EIL, Indian Navy, IRS, L&T Power, LRA, NPCIL, NTPC, PDIL