

BETANOX 4462

CLASSIFICATIONS

AWS A / SFA 5.4 E 2209-16
IS 5206 E 22.93 L R 23

COATING TYPE: Rutile

COATING FACTOR: Medium **IDENTIFICATION:** Brand Printed

CHARACTERISTICS

An electrode depositing Austenitic-Ferritic Weld metal suitable for welding of Duplex weld metal having uniform, and fine ripples. Slag removal is very easy and spatter loss is extremely low. The weld metal is of radiographic quality

TYPICAL APPLICATIONS

For welding of Duplex Austenitic-Ferritic Stainless Steels (UNS 31803) and cladding of Duplex Stainless Steel weld metal on CS/LAS. Used for piping in Gas and Oil industry, Off-shore platforms.

MECHANICAL PROSPERITIES - ALL-WELD

Condition	UTS	% Elong.
Condition	MPa	(L=4xd)
	760	25

AW: As-welded

WELD METAL CHEMISTRY, wt% (TYPICAL)

C - 0.03	Mo - 3.00	Cr - 22.00
Mn - 1.00	N - 0.15	S+P = 0.030% max
Si - 0.83	Ni - 8.50	

CURRENT CONDITIONS: DC (+)

4.0	3.2	2.5
90-	70-	50-
125	90	70

WELDING POSITIONS

F, H, V-up, OH

REDRYING CONDITIONS

300°C for 1 hour

PACKING DATA

Dia., mm	4.0	3.2	2.5
Length, mm	300	300	300
Wt. per carton, kgs	6	6	6
Cartons/ box	3	3	3
Wt. per box, kgs	18	18	18

Related Products: Tiginox 310, Betanox-c, Betanox-c-15 Miginox 310, Subinox 310 wire + Automelt S76 flux