

C10-R

PRO FOR INDUSTRY



Stainless Steels Electrode

AWS/ASME SFA 5.4 E316L-16
EN ISO 2560-A E19123LR12

Especially suitable for welding of stainless steel chemical tanks and pipes in chemical, textile, paint, paper industries; Welding of low carbon Cr-Ni-Mo stainless steel, austenitic stainless steel which are required and the place where heat treatment after welding is impossible.

Characteristics on Usage:

Good crack resistance and usability because of austenitic structure with suitable ferrite of deposited weld metal.

Typical chemical composition of all-weld-metal (%)

C	Si	Mn	Cr	Ni	Mo
0.03	0.75	1.01	18.5	12	2.3

Typical mechanical properties of all-weld-metal

Tensile Strength (N/mm ²)	Elongation %
540	43

Sizes available Welding Current (AC or DC±)

Ø (mm)	2.50	3.2	4.00	5.00
AC, DC - (A)	55-70	80-110	120-150	140-180

Welding positions



APPROVALS: GL, ABS, LR, BUREAU VERITAS

