

Cryoarc 316L-15

Cryoarc 316L-15 electrodes are designed to be used in cryogenic applications where impact toughness is required. Cryoarc electrodes can also be used where low magnetic permeability is required.

Classifications:	AWS A5.4: E316L-15, ASME SFA 5.4
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Typical Tensile Properties

Condition	Tensile Strength	Elongation
As Welded	552 MPa (80 ksi)	45 %

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
As Welded	-196 °C (-320 °F)	47 J (35 ft-lb)

Typical Weld Metal Analysis %

C	Mn	Si	Ni	Cr	Mo	N	Ferrite FN
0.03	2.0	0.5	13.6	18.0	2.2	0.05	5