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Messrs:

Order No.: 2016009017-74

File No.: 2017000975-D

Grade: 316/316L

Size: 35mm

Heat-Lot No.: 9SG0203-LHO

Condition: HR-Solution Annealed-Ground

P.O.No.:

Date: 03/06/2017

Weight: 2130KG

P'cs: 45

Chemical Composition (wt%)

	C	Si	Mn	P	S	Ni	Cr
Min.					0.020	10.0	16.0
Max.	0.030	1.00	2.00	0.040	0.030	14.0	18.0
Result	0.024	0.43	1.62	0.028	0.027	10.6	17.4
	Mo	Cu	N				
Min.	2.00						
Max.	3.00	1.00	0.10				
Result	2.03	0.24	0.07				

Mechanical Properties Spec.

	Hardness	Grain Size
	1/2R	ASTM E112 T
Spec. Min.		
Spec. Max.	22.3HBW	
Result	15.5HBW	7.5

Tensile Test

	Elongation(A)	Tensile Strength(Rm)	Yield Strength(0.2% Rp)	Reduction of Area(Z)
	1/2R L (Ave)	1/2R L (Ave)	1/2R L (Ave)	1/2R L (Ave)
Unit	%	KSI	KSI	%
Min.	40	75	30	50
Max.				
Result	54	89.5	41.8	78

Specification:

- 1.ASTM A182/A182M-15
- 2.ASTM A276/A276M-16
- 3.ASTM A479/A479M-16
- 4.ASME SA182/SA182M-2015

Remark:

- 1.MELTING PROCESS: EAF+AOD OR EAF+LHF+VOD.
- 2.MATERIAL IS FREE FROM MERCURY CONTAMINATION.
- 3.MACRO/MICRO OK.

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