



Sandvik Materials Technology

Product Area Tube
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2009048

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www.smt.sandvik.com/nafta

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Sold To: 632580
SANDVIK DE MEXICO
TLALNEPANTLA, EDO MEXICO
Customer Order No: 6P0846
Sandvik Order No: 71506/3
Work Order/Lot: 524517

Ship To:
GAISA FORWARDING INC
LAREDO TX
Certification Date: 200902

ASTM A312-07, ASME SA-312, ASTM A376-06, ASME SA-376, ASME Section
2007 Edition, NACE MR0175 / ISO 15156, First edition 2003-12-15
(Austenitic)

Hot Finished PROCESS ANNEALED AND PICKLED Seamless Pipe
Type TP304/TP304L (UNS S30400/S30403) Size: 1" SCH 40
Heat: 520906

Material Manufacturer: Pennsylvania Extruded Tube Co. USA

ANALYSIS %

Table with 7 columns: Element (C, Si, Mn, P, S, Cr, Fe, Mo, Al, Pb), Heat, Prod. Values for each element and heat/production.

Mechanical Tests:

Table with 10 columns: Yield Strength (0.2%, 1.0%), Tensile Strength (psi, MPa), Elongation (E2", E10", E4d, E5d). Values for 34000, 234.5, N/A, 86200, 594.5, 59, N/A, N/A, N/A.

Hardness Test Results: 79HRB, 80HRB
Hydrostatic Test (psi): 2500

Flattening Test per ASTM A999: Acceptable
Tensile Test sample width (1=Full-Size 2=1/2" Strip): 1
Corrosion Test per ASTM A262 Pr.E, MIL-P-24691/3 and
MIL-P-1144D. No. samples: 1 Result: Acceptable
Country Of Origin: United States
This Material complies with FAR BAA (FAR 52.225-1)
This Material complies with DFARS BAA (DFARS 252.225-7001)
and FAR TAA(FAR 52.225-5)
All material subjected to a final solution annealing heat
treatment with material at a temperature of 1900 deg. F
minimum followed by rapid quenching to below 800 deg. F in
less than three (3) minutes.
The material has not come in contact with Mercury or Mercury
containing compounds.
No welding has been performed on this material.
Material has been manufactured/supplied in accordance
with Sandvik Materials Technology Quality Manual-Standard
Products Revision 10 dated May 29, 2007. Quality system
has been approved to ISO 9001:2000.
Certificate produced in accordance with EN 10204 3.1
(formerly EN 10204 3.1.B)
Melt Source: AB Sandvik MT, Sweden
Melt Method: Electric Arc Furnace-AOD Refining