

REF. B/L: 81197974
 Date: 01/23/2024
 Customer: 1746



Atlas Tube Corp. Kansas City
 Burlington St
 North Kansas City Missouri USA
 64116
 Tel:
 Fax:

MATERIAL TEST REPORT

Material: 6.0x2.0x120x48"0"0(3x7) **Material No:** 600201204800 **Made in:** USA
Sales Order: 2002143 **Purchase Order:** SSW141029 **Melted and Poured in:** USA
 Heat No M67746G23 0.190 0.770 0.011 0.009 0.010 0.039 0.030 0.002 0.007 0.010 0.010 0.040 0.001 0.001 0.001 0.001 0.001 0.0060 0.0000
Bundle No Z200024464 21 **PCs** 21 **Yield** 05186 Psi **Tensile** 070852 Psi **Eln.2in** 32.0 % **Method** BOF **Recycled Content** 34.20% **Post Consumer** 19.80% **Pre-Consumer** 14.40% **Certification** ASTM A500-21 GRADE B&C **CE: 0.33**
Heat M67746G23 **MILL** USSTEEL **Mill Location** GARY,IN **Pre-Consumer (Post Industrial)** 100% **% Harvested** 100% **Within Miles of Location** 500
Material Note:
Sales Or. Note:

Material: 6.0x2.0x120x40"0"0(3x7) **Material No:** 0600201204000-K **Made in:** USA
Sales Order: 2002143 **Purchase Order:** SSW141029 **Melted and Poured in:** USA
 Heat No M67398 0.180 0.760 0.017 0.011 0.007 0.049 0.020 0.001 0.004 0.010 0.010 0.040 0.001 0.001 0.001 0.001 0.001 0.0040 0.0000
Bundle No Z200020192 21 **PCs** 21 **Yield** 053766 Psi **Tensile** 068208 Psi **Eln.2in** 33.5 % **Method** BOF **Recycled Content** 34.20% **Post Consumer** 19.80% **Pre-Consumer** 14.40% **Certification** ASTM A500-21 GRADE B&C **CE: 0.32**
Heat M67398 **MILL** USSTEEL **Mill Location** GARY,IN **Pre-Consumer (Post Industrial)** 100% **% Harvested** 100% **Within Miles of Location** 500
Material Note:
Sales Or. Note:

Authorized by Quality Assurance *Jason Richard*
Jason Richard

The results reported on this report represent the actual attributes of the material furnished and indicate full compliance with all applicable specification and contract requirements. CE calculated using the AWS D1.1 method. Steel is purchased fully killed with a fine grain practice. This document is in compliance with the requirements of EN10204 type 3.1



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MATERIAL TEST REPORT

Material: 1.660x140x21"0"(70x1). **Material No:** R016601402100-K **Made in:** USA
Sales Order: 1999406 **Purchase Order:** SSW140098 **Melted and Poured in:** USA
Heat No: F64206C23 **C:** 0.160 **Mn:** 0.760 **P:** 0.009 **S:** 0.008 **Si:** 0.017 **Al:** 0.043 **Cu:** 0.020 **Cb:** 0.000 **Mo:** 0.000 **Ni:** 0.010 **Cr:** 0.030 **V:** 0.000 **Ti:** 0.002 **B:** 0.0002 **N:** 0.0030 **Ca:** 0.0010
Bundle No: Z100010455 **PCs:** 69 **Yield:** 061779 Psi **Tensile:** 073257 Psi **Eln.2in:** 29.0 % **Method:** BOF **Recycled Content:** 36.90% **Post Consumer:** 19.80% **Pre-Consumer (Post Industrial):** 14.40% **% Harvested:** 100% **Within Miles of Location:** 500
Heat: F64206C23 **MILL:** USSTEEL **Mill Location:** GRANITE CITY,IL **Certification:** ASTM A500-21 GRADE B&C **CE:** 0.30
Material Note:
Sales Or. Note:

Material: 1.660x140x21"0"(70x1). **Material No:** R016601402100-K **Made in:** USA
Sales Order: 1999406 **Purchase Order:** SSW140098 **Melted and Poured in:** USA
Heat No: Y69996G23 **C:** 0.170 **Mn:** 0.730 **P:** 0.012 **S:** 0.007 **Si:** 0.013 **Al:** 0.041 **Cu:** 0.020 **Cb:** 0.002 **Mo:** 0.004 **Ni:** 0.010 **Cr:** 0.050 **V:** 0.001 **Ti:** 0.001 **B:** 0.0001 **N:** 0.0040 **Ca:** 0.0000
Bundle No: Z100010455 **PCs:** 1 **Yield:** 066086 Psi **Tensile:** 077043 Psi **Eln.2in:** 27.0 % **Method:** BOF **Recycled Content:** 34.20% **Post Consumer:** 19.80% **Pre-Consumer (Post Industrial):** 14.40% **% Harvested:** 100% **Within Miles of Location:** 500
Heat: Y69996G23 **MILL:** USSTEEL **Mill Location:** GARY,IN **Certification:** ASTM A500-21 GRADE B&C **CE:** 0.31
Material Note:
Sales Or. Note:

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MATERIAL TEST REPORT

Material: 1.660x140x2110"0(70x1). **Material No:** R016601402100-K **Made in:** USA
Sales Order: 1999406 **Purchase Order:** SSW140098 **Melted and Poured in:** USA
Heat No: F64206C23 **C** 0.160 **Mn** 0.760 **P** 0.009 **S** 0.008 **Si** 0.017 **Al** 0.043 **Cu** 0.020 **Cb** 0.000 **Mo** 0.000 **Ni** 0.010 **Cr** 0.030 **V** 0.000 **Ti** 0.002 **B** 0.0002 **N** 0.0030 **Ca** 0.0010
Bundle No: Z100010456 **PCs** 70 **Yield** 061779 Psi **Tensile** 073257 Psi **Eln.2in** 29.0 % **Method** BOF **Recycled Content** 36.90% **Post Consumer** 19.80% **Pre-Consumer (Post Industrial)** 14.40% **CE: 0.30**
Heat: F64206C23 **MILL** USSTEEL **Mill Location** GRANITE CITY,IL **Certification** ASTM A500-21 GRADE B&C
Material Note:
Sales Or. Note:

Material: 1.660x191x2110"0(70x1). **Material No:** R016601912100-K **Made in:** USA
Sales Order: 2001765 **Purchase Order:** SSW141029 **Melted and Poured in:** USA
Heat No: 23178892 **C** 0.060 **Mn** 0.720 **P** 0.008 **S** 0.002 **Si** 0.030 **Al** 0.032 **Cu** 0.080 **Cb** 0.001 **Mo** 0.013 **Ni** 0.030 **Cr** 0.040 **V** 0.003 **Ti** 0.001 **B** 0.0002 **N** 0.0069 **Ca** 0.0023
Bundle No: Z100012140 **PCs** 70 **Yield** 068414 Psi **Tensile** 073463 Psi **Eln.2in** 27.5 % **Method** EAF **Recycled Content** 76.00% **Post Consumer** 95.00% **Pre-Consumer (Post Industrial)** 5.00 % **CE: 0.20**
Heat: 23178892 **MILL** BIGRIVER **Mill Location** Osceola,AR **Certification** ASTM A500-23 GRADE B&C
Material Note:
Sales Or. Note:

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MATERIAL TEST REPORT

Material: 1.660x191x21"0"(70x1).

Sales Order: 2001765

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V	Ti	B	N	Ca	Made in:	USA
23178892	0.060	0.720	0.008	0.002	0.030	0.032	0.080	0.001	0.013	0.030	0.040	0.003	0.001	0.0002	0.0069	0.0023	USA	
Bundle No	PCs	Yield	Tensile	Eln.2in	Method	Recycled Content	Post Consumer	Pre-Consumer	Pre-Consumer (Post Industrial)	% Harvested	CE: 0.20	Within Miles of Location						
Z100012135	70	068414 Psi	073463 Psi	27.5 %	EAF	76.00%	95.00%	5.00 %	5.00 %	75%	0.20	500						
Heat	MILL	Location																
23178892	BIGRIVER	Osceola,AR																

Material Note:

Sales Or. Note:

Material: 1.660x191x21"0"(70x1).

Sales Order: 2001765

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V	Ti	B	N	Ca	Made in:	USA
23178892	0.060	0.720	0.008	0.002	0.030	0.032	0.080	0.001	0.013	0.030	0.040	0.003	0.001	0.0002	0.0069	0.0023	USA	
Bundle No	PCs	Yield	Tensile	Eln.2in	Method	Recycled Content	Post Consumer	Pre-Consumer	Pre-Consumer (Post Industrial)	% Harvested	CE: 0.20	Within Miles of Location						
Z100012136	70	068414 Psi	073463 Psi	27.5 %	EAF	76.00%	95.00%	5.00 %	5.00 %	75%	0.20	500						
Heat	MILL	Location																
23178892	BIGRIVER	Osceola,AR																

Material Note:

Sales Or. Note:

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Steel Tube Institute
 OF NORTH AMERICA



Metals Service Center Institute

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MATERIAL TEST REPORT

Material: 2.875x276x42'0"(24x1)PB **Material No:** R02875276 **Made in:** USA
Sales Order: 1997943 **Purchase Order:** SSW140098 **Melted and Poured in:** USA
Heat No: Y69597G23 **C:** 0.060 **Mn:** 0.790 **P:** 0.013 **S:** 0.011 **Si:** 0.013 **Al:** 0.036 **Cu:** 0.030 **Cb:** 0.019 **Mo:** 0.003 **Ni:** 0.010 **Cr:** 0.050 **V:** 0.001 **Ti:** 0.021 **B:** 0.0001 **N:** 0.0030 **Ca:** 0.0000
Bundle No: Z20027548 **PCs:** 24 **Yield:** 065601 Psi **Tensile:** 074977 Psi **Eln.2in:** 28.0 % **Method:** BOF **Recycled Content:** 34.20% **Post Consumer:** 19.80% **Pre-Consumer (Post Industrial):** 14.40% **CE:** 0.21
Heat: Y69597G23 **MILL:** USSTEEL **Mill Location:** GARY,IN **Within Miles of Location:** 500
Material Note:
Sales Or. Note:

Material: 6.625x250x21'0"(7x1)REC **Material No:** R06625250 **Made in:** USA
Sales Order: 1997642 **Purchase Order:** SSW140098 **Melted and Poured in:** USA
Heat No: 22159431 **C:** 0.050 **Mn:** 0.350 **P:** 0.008 **S:** 0.003 **Si:** 0.030 **Al:** 0.030 **Cu:** 0.070 **Cb:** 0.012 **Mo:** 0.010 **Ni:** 0.030 **Cr:** 0.030 **V:** 0.002 **Ti:** 0.000 **B:** 0.0001 **N:** 0.0069 **Ca:** 0.0017
Bundle No: 5000014453 **PCs:** 7 **Yield:** 062300 Psi **Tensile:** 067900 Psi **Eln.2in:** 33 % **Method:** EAF **Recycled Content:** 65.00% **Post Consumer:** 88.00% **Pre-Consumer (Post Industrial):** 12.00% **CE:** 0.13
Heat: 22159431 **MILL:** BIGRIVER **Mill Location:** OSCEOLA,AR **Within Miles of Location:** 500
Material Note:
Sales Or. Note:

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