

HOT ROLL BAND PRODUCT CAPABILITIES

GAUGE		
Minimum Ordered Gauge	Aim Set-Up Gauge	Half Standard Tolerance
.042 – .051"	Ordered +0.003"	-0/+0.005"
.052 – .071"	Ordered +0.003"	-0/+0.006"
.072 – .098"	Ordered +0.003"	-0/+0.007"
.099 – .180"	Ordered +0.003"	-0/+0.008"
.181 – .230"	Ordered +0.004"	-0/+0.009"
.231 – .313"	Ordered +0.005"	-0/+0.012"
.314 – .375"	Ordered +0.007"	-0/+0.013"

WIDTH								
Minimum Order Width	Mill Edge Tolerance							
38.5 - 50.0"	-0, +1.125"							
50.1 - 62.0"	-0, +1.500"							

Standard Mill Edge Tolerance per ASTM A568 Table 6 and A635 Table 3.

Half tolerance per ASTM A568 Table S1.1 and A635 Table S1.1

ASTM A606 – CORROSION RESISTANCE STEEL										
Creation	P	Property Specification	n	Minimum Onder Course	Minimum Orden Width	Ormunant				
Specification	Yield	Tensile	Elongation	Milliniuni order dauge		Gomment				
A606 Type 4	50 min	70 min	22 min	.050 – .064" .065 – .370"	48" 48" or 60"	Recommend processed finish under .080"				

ASTM A786 – FLOOR PLATE

SDI produces as rolled floor plate coils as light as .075" min with pattern No.4 per ASTM A786. Aim lug height is 0.02-0.06". Please see Floor Plate information sheet for details.



HOT ROLL BAND PRODUCT CAPABILITIES

	Те	nsile Test Specifica	tion			
Specification	Yield	Tensile	Elongation	Minimum Ordered Gauge	Minimum Ordered Width	Comment
	45 min	60 min	25 min	045 - 065"	40.0 - 52.0"	
A1011 HSLAS 45 Class 1	10 1111	0011111	20 1111	066 - 200"	40.0 - 61.0"	Recommend processed
ATO TE HOLAO 40 01000 1		23% min El < 0.097		.201 – .229"	40.0 - 62.0"	finish under .080"
	45 min	60 min	22 min		10.0 02.0	
A1018 HSLAS 45 Class 1	10 11111	aim FI 25 min	22 11111	.230 – .375"	40.0 - 62.0"	
	45 min	55 min	25 min	045 065"	40.0 52.0"	
A1011 HSLAS 45 Class 2	45 11111	55 1111	23 11111	.045005	40.0 61.0"	Recommend processed
ATUTT HOLAO 40 GIdos 2		23% min El < 0.097		101 - 229"	40.0 - 62.0"	finish under .080"
	45 min	EE min	00 min	.101 .223	40.0 02.0	
A1018 HSLAS 45 Class 2	45 11111	oim ELOE min	22 11111	.230 – .375"	40.0 - 62.0"	
	50 min	65 min	00 min	0.45 0.041	40.0 50.0	
	50 11111	05 1111	22 11111	.045004	40.0 61.0"	Recommend processed
ATUTT HELAS OU CIASS T		20% min El < 0.097		.005100	40.0 62.0"	finish under .080"
	E0 min	65 min	20 min	.150225	40.0 - 02.0	
A1018 HSLAS 50 Class 1	50 11111	00 11111	20 11111	.230 – .375"	40.0 - 62.0"	
	50 1	aim Ei 22 min	00 i			
	50 min	60 min	22 min	.045065"	40.0 - 52.0"	Recommend processed
ATUTT HSLAS 50 Class 2		20% min El < 0.097		.066100"	40.0 - 61.0"	finish under .080"
				.101 – .229"	40.0 - 62.0"	
A1018 HSLAS 50 Class 2	50 min	60 min	20 min	230 - 375"	40.0 - 62.0"	
		aim El 22 min		.200 .010	40.0 02.0	
	55 min	70 min	20 min	.048064"	40.0 - 52.0"	Poormand processo
A1011 HSLAS 55 Class 1		19% min EL < 0.007		.065 – .150"	40.0 - 61.0"	finish under 000
		10 % IIIII EI < 0.097		.151 – .229"	40.0 - 62.0"	
	55 min	70 min	18 min	000 075"	40.0 00.00	
ATUT8 HSLAS 55 Glass T		aim El 20 min		.230 – .375	40.0 - 62.0	
	55 min	65 min	20 min	045 - 064"	40.0 - 52.0"	
A1011 HSLAS 55 Class 2				065 - 149"	40.0 - 61.0"	Recommend processe
		18% min El < 0.097		.150 – .229"	40.0 - 62.0"	finish under .080"
	55 min	65 min	18 min			
A1018 HSLAS 55 Class 2	00 11111	aim FI 20 min	10 1111	.230 – .375"	40.0 - 62.0"	
	60 min	75 min	19 min	0.49 0.641	40.0 50.0"	
	00 11111	751111	TO IIIII	.040004	40.0 61.0"	Recommend processe
A1011113LA3 00 01055 1		16% min El < 0.097	п	175 - 229"	40.0 - 62.0"	finish under .080"
	60 min	75 min	16 min		40.0 02.0	
A1018 HSLAS 60 Class 1	00 11111		TOTIM	.230 – .375"	40.0 - 62.0"	
	00	aim Ei 18 min	40	0.40 0.04	10.0 50.0"	
	60 min	70 min	18 min	.048064"	40.0 - 56.0"	Recommend processe
ATUTT HELAS OU CLASS 2		16% minEl < 0.097	н	.005150"	40.0 60.0	finish under .080"
	<u> </u>	70	10'.	.151 – .229	40.0 - 62.0	
A1018 HSLAS 60 Class 2	60 min	/0 min	16 min	.230 – .375"	40.0 - 62.0"	
		aim El 18 min				
	65 min	80 min	16 min	.048 – .065"	40.0 - 52.0"	Recommend processer
A1011 HSLAS 65 Class 1		14% min El < 0.097		.066 – .185"	40.0 - 61.0"	finish under .080"
				.186 – .229"	40.0-62.0"	
A1018 HSLAS 65 Class 1	65 min	80 min	14 min	230 - 375"	40.0 - 62.0"	
		aim El 16 min		.200 .010	40.0 02.0	
	65 min	75 min	16 min	.048 – .064"	40.0 - 52.0"	Poppmand process
A1011 HSLAS 65 Class 2		140/ min EL - 0.007		.065 – .174"	40.0-61.0"	finish under 000"
		14 /0 IIIII EI < 0.097		.175 – .229"	40.0 - 62.0"	
	65 min	75 min	14 min	000 075"	40.0 00.0"	
ATUTO HELAS 65 Class 2		aim El 16 min		.230 – .375"	40.0 - 62.0"	
	70 min	85 min	14 min	048 - 075"	40.0 - 52.0"	
A1011 HSLAS 70 Class 1	7.0 11111	00 11111		076 - 200"	40.0 - 61.0"	Recommend processe
		12% min El < 0.097		.201 – .229"	40.0 - 62.0"	finish under .080"
	70 min	85 min	12 min			
A1018 HSLAS 70 Class 1	7011111	aim El 14 min	12 11111	.230 – .375"	40.0 - 62.0"	
	70 :	aiiii Ei 14 iiiii	14	0.40 0.05"	40.0 50.0"	
	70 min	80 min	14 MIN	.048065"	40.0 - 52.0"	Recommend processe
ATUTT HSLAS /U Class 2		12% min El < 0.097		.066185"	40.0 - 61.0"	finish under .080"
	=0 :		10	.100229	40.0 - 62.0	
A1018 HSLAS 70 Class 2	70 min	80 min	12 min	.230 – .375"	40.0 - 62.0"	
		aim FI 14 min			ISIS VEID	

High-strength low-alloy steel utilizing Niobium (Columbium), Titanium, Vanadium, or combination. SDI provides tensile test certificate. Equivalent to old ASTM A607.

HRBPC-B 4/21



HOT ROLL BAND PRODUCT CAPABILITIES

Onesification	Ter	nsile Test Specifica	tion		Minimum Ondered Width	0
Specification	Yield	Tensile	Elongation	Minimum Urdered Gauge	Minimum Ordered Wiath	Comment
A1011 HSLAS-F 50	50 min 22	60 min 2% min elong < 0.09	24 min 97"	.045 – .065" .066 – .100" .101 – .229"	40.0 - 52.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processe finish under .080"
A1018 HSLAS-F 50	50 min	60 min aim El 24 min	22 min	.230 – .375"	40.0 - 62.0"	
A1011 HSLAS-F 60	60 min 20	70 min 0% min elong < 0.09	22 min 97"	.048065" .066160" .161229"	40.0 - 56.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processe finish under .080"
A1018 HSLAS-F 60	60 min	70 min aim El 22 min	16 min	.230 – .375"	40.0 - 62.0"	
A1011 HSLAS-F 70	70 min 18	80 min 8% min elong < 0.09	20 min 97"	.048 – .065" .066 – .185" .186 – .229"	40.0 - 52.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processe finish under .080"
A1018 HSLAS-F 70	70 min	80 min aim El 14 min	12 min	.230 – .375"	40.0 - 62.0"	
A1011 HSLAS-F 80	80 min 16	90 min \$% min elong < 0.0\$	18 min	.050 – .065" .066 – .120" .121 – .229"	40.0 - 52.0" 40.0 - 56.0" 40.0 - 61.0"	Recommend processe finish under .080"
A1018 HSLAS-F 80	80 min	90 min	12 min	.230 – .375"	40.0 - 62.0"	

High-strength low-alloy steel utilizing Niobium (Columbium), Titanium, Vanadium, or combination. SDI provides tensile test certificate. Equivalent to old ASTM A715.

ASTM A1011/1018 - MILD STEEL Specification Minimum Ordered Gauge Minimum Ordered Width Comment .042 - .050" 40.0-56.0" Recommend processed finish under .080" A1011 CS Type B .051 – .229" 40.0-62.0" A1018 CS Type B 40.0-62.0" .230 - .375" .042 - .050" 40.0 - 56.0" A1011 DS Type B Recommend processed finish under .080" .051 - .229" 40.0-62.0" A1018 DS Type B .230 - .375" 40.0-62.0"

CS TYPE B is commercial quality steel for common use including moderate forming.

DS TYPE B is specially treated steel by using boron. Mechanical properties show low strength and high elongation, but poor stretch flanging (hole expanding) quality.



HOT ROLL BAND PRODUCT CAPABILITIES

Creation	Te	nsile Test Specificat	tion	Minimum Ordered Course	Minimum Ordorod Width	Commont
Specification	Yield	Tensile	Elongation	Minimum ordered Gauge	Minimum ordered widur	Comment
A1011 SS 30	30 min	49 min 24% min El < 0.097 21% min El < 0.064	25 min	.042 – .050" .051 – .229"	40.0 - 56.0" 40.0 - 62.0"	Recommend processed finish under .080"
A1018 SS 30	30 min	49 min	22 min	.230 – .375"	40.0 - 62.0"	
A1011 SS 33	33 min	52 min 22% min El < 0.097 18% min El < 0.064	23 min	.042 – .050" .051 – .229"	40.0 - 56.0" 40.0 - 62.0"	Recommend processed finish under .080"
A1018 SS 33	33 min	52 min	22 min	.230 – .375"	40.0 - 62.0"	
A1011 SS 36 Type 1	36 min	53 min 21% min El < 0.097 17% min El < 0.064	22 min	.042 – .050" .051 – .229"	40.0 - 56.0" 40.0 - 62.0"	Recommend processed finish under .080"
A1018 SS 36 Type 1	36 min	53 min	21 min	.230 – .375"	40.0 - 62.0"	
A1011 SS 36 Type 2	36 min	58 – 80 20% min El < 0.097 16% min El < 0.064	21 min	.050 – .065" .066 – .150" .151 – .229"	40.0 - 58.0" 40.0 - 62.0" 40.0 - 62.0"	Recommend processed finish under .080"
A1018 SS 36 Type 2	36 min	58 - 80	21 min	.230 – .375"	40.0-62.0"	Trial only using low C, Si-Mn st
A1011 SS 40*	40 min	55 min 20% min El < 0.097 15% min El < 0.064	21 min	.050 – .065" .066 – .229"	40.0 - 58.0" 40.0 - 62.0"	Recommend processed finish under .080"
A1011 SS 45 Type 1	45 min	60 min 18% min El < 0.097 13% min El < 0.064	19 min	.050 – .065" .066 – .229"	40.0 - 58.0" 40.0 - 62.0"	Recommend processed finish under .080"
A1011 SS 50	50 min	65 min 16% min El < 0.097 11% min El < 0.064	17 min	.050 – .065" .066 – .180"	40.0 - 58.0" 40.0 - 62.0"	Recommend processed finish under .080"
A1011 SS 57 Modified **	57 min	70 min 14% min El < 0.097 9% min El < 0.064	15 min	.050065" .066100" .101229"	40.0 - 56.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processed finish under .080"

*SDI cannot make A1018 SS 40 for lack of bending capability. Please consider placing order as HSLA steel for thickness over .230".

**SS 57 Modified contains Nb(Cb) .01 to .03%.

High-strength steel utilizing C and Mn. Equivalent to old ASTM A570.

ASTM A1011 – ULTRA HI	GH STRENGTH	STEEL (UHSS) (UNDER DEVEL	DP)		
Specification	Te	nsile Test Specificat	ion	Minimum Ordered Course	Minimum Ordorod Width	0
	Yield	Tensile	Elongation			Gomment
A1011 UHSS Grade 90 Type 1	90 min	100 min 14% min El < 0.097'	16 min	.065 – .180"	Inquire	Trial only
A1011 UHSS Grade 100 Type 1	100 min	110 min 12% min El < 0.097'	14 min			Under develop

This is the strongest HSLA steel. SDI provides tensile test certificate.



HOT ROLL BAND PRODUCT CAPABILITIES

BLACK BAND FOR CONV	ERSION					
Questification	T	ensile Test Specificat	tion	Minimum Ordened Course	Minimum Ordered Width	Draduas as
Specification	Yield	Tensile	Elongation	Minimum Ordered Gauge	Minimum Uraerea wiath	Produce as
For conversion to ASTM A36*	36 min	58 – 80 min	23 min	.055065" .066149" .150229" .230375"	40.0 - 56.0" 40.0 - 61.0" 40.0 - 62.0" 40.0 - 62.0"	HSLAS Grade 45 HSLAS Grade 45 SS 36 Type 2 HSLAS Grade 45
0	Tr	ensile Test Specificat	tion			0
Specification	Yield	Tensile	Elongation	Minimum Ordered Gauge	Minimum Uraerea Wiath	Comment
For conversion to ASTM A414 Grade C	33 min	55 – 70 min	22 min	.055 – .270"	Inquire	Trial only
For conversion to ASTM A414 Grade G	45 min	75 – 95 min	16 min			Under develop

Any other specs for Pipe & Tube (ASTM and API) as well as cut to length plate are not available. Please contact mill metallurgist to determine if other possible existing specs may be compatible.

SDI does not have black band processing unit. The black band coil will be produced as hot mill finish for these specs listed below. SDI provides two tensile tests per heat.

JIS G3131, G3113, G3134 (S G3131, G3113, G3134 (TRIAL ONLY)											
Creation	Tei	nsile Test Specifica	tion	Nominal Order Course	Minimum Order Width	Commont						
Specification	Yield	Tensile	Elongation *	Nominal order dauge		Comment						
SPHD	N/A	39.2 min	35 min *	.047 – .055" .056 – .200"	40.0 - 56.0" 40.0 - 62.0"	Process finish trial						
SPHC	N/A	39.2 min	29 min *	.047 – .055" .056 – .200"	40.0 - 56.0" 40.0 - 62.0"	Process finish trial						
SAPH 310	26.8 min	45.0 min	36 min *	.047 – .055" .056 – .200"	40.0 - 56.0" 40.0 - 62.0"	Process finish trial						
SAPH 370	32.6 min	53.7 min	35 min *	.047 – .055" .056 – .200"	40.0 - 56.0" 40.0 - 62.0"	Process finish trial						
SAPH 400	37.0 min	58.0 min	34 min *	.060 – .200"	40.0 - 62.0"	Process finish trial						
SAPH 440	44.2 min	63.8 min	32 min *	.060 – .200"	40.0 - 62.0"	Process finish trial						
SPFH 540	51.5 min	78.3 min	23 min *	.181 – .375"	40.0 - 62.0"	As hot rolled trial						
SPFH 590	60.9 min	85.6 min	21 min *	.080 – .180" .181 – .375"	40.0 - 61.0" 40.0 - 62.0"	Process finish trial As hot rolled trial						

Elongations shown on the table are for .098 - .123'' (2.5 - 3.2 mm).

These are mild steel or high-strength steel for automotive structural use. SDI perform tensile test using JIS No.5 test piece. Please notify Metallurgist to set up trial.



Butler Division – Butler, IN

HOT ROLL BAND PRODUCT CAPABILITIES

SAE J1392							
Questification	Те	nsile Test Specifica	ition	Minimum Orden Course	Minimum Order Width	Ormmant	
Specification	Yield	Tensile	Elongation	Minimum order Gauge	Minimum order widur	Comment	
035 XLF	35 min	N/A	28 min	.050 – .250" .251 – .375"	40.0 - 62.0" 40.0 - 62.0"	Recommend processed finish under .080"	
045 XLF	45 min	55 min	25 min	.045 – .065" .066 – .100" .101 – .375"	40.0 - 52.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processed finish under .080"	
045 YLF	45 min	60 min	25 min	.045 – .065" .066 – .100" .101 – .375"	40.0 - 52.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processed finish under .080"	
050 XLF	50 min	60 min	22 min	.045 – .065" .066 – .100" .101 – .375"	40.0 - 52.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processed finish under .080"	
050 YLF	50 min	65 min	22 min	.045 – .064" .065 – .149" .150 – .375"	.045064" 40.0 - 52.0" .065149" 40.0 - 61.0" .150375" 40.0 - 62.0"		
050 ZLF	50 min	70 min	22 min	.048 – .064" .065 – .150" .151 – .375"	40.0 - 52.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processed finish under .080"	
060 XLF*	60 min	70 min	20 min	.048 – .079" .080 – .160"	40.0 - 52.0" 40.0 - 62.0"	Recommend processed finish under .080"	
060 YLF	60 min	75 min	20 min	.048 – .064" .065 – .100" .101 – .375"	40.0 - 52.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processed finish under .080"	
070 XLF	70 min	80 min	17 min	.048 – .065" .066 – .185" .074 – .375" *	40.0 - 52.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processed finish under .080"	
070 YLF	70 min	85 min	17 min	.048 – .075" .076 – .200" .201 – .375" *	40.0 - 52.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processed finish under .080"	
080 XLF	80 min	90 min	14 min	.050 – .110" .111 – .160" .161 – .375"	40.0 - 52.0" 40.0 - 61.0" 40.0 - 62.0"	Recommend processed finish under .080"	
080 YLF	80 min	95 min	14 min	.060 – .075" * .076 – .180" *	40.0 - 52.0" 40.0 - 61.0"	Recommend processed finish under .080"	

035 XLF is softest HSLA using Ti addition.

060 XLF is available only up to .160" due to chemistry limit of $Mn{=}.90mx.$

040 XLF (El=27 min) is inquiry only because we make it same as 045 XLF.

045 ZLF (EI=25 min) is inquiry only because we make it same as 050 YLF.

060 ZLF (El=20 min) is inquiry only because we make it same as 070 XLF.

070 XLF to 080 YLF is made as Ti-HSLA for heavy gauge (see * in table) which may show moderate formability and high property variation.

High-strength low-alloy steel utilizing Niobium (Columbium), Titanium, Vanadium, or combination. SDI provides tensile test certificate.



HOT ROLL BAND PRODUCT CAPABILITIES

SAE J2340						
Creation	Tensile Test Specification			Minimum Order Course	Minimum Order Width	Commont
Specification	Yield	Tensile	Elongation			Gomment
300 SF	43.5 – 58.0 min	56.6 min	26 min	.060 – .375"	Inquire	
300 XF	43.5 – 58.0 min	53.6 min	28 min	.045 – .375"	Inquire	Process finish trial
300 YF	43.5 – 58.0 min	58.0 min	25 min			Under develop
340 SF	49.5 – 64.0 min	64.0 min	24 min	.060 – .100"	Inquire	Process finish trial
340 XF	49.5 – 64.0 min	59.5 min	25 min	.045 – .375"	Inquire	
340 YF	49.5 – 64.0 min	64.0 min	24 min	.045 – .250"	Inquire	Process finish trial
380 XF	55.0 – 69.6 min	65.5 min	23 min	.045 – .375"	Inquire	Process finish trial
380 YF	55.0 – 69.6 min	69.5 min	22 min			Under develop
420 XF	61.0 – 75.5 min	71.0 min	22 min	.048 – .375"	Inquire	Process finish trial
420 YF	61.0 – 75.5 min	75.5 min	19 min			Under develop
490 XF	71.0 – 85.6 min	81.2 min	20 min	.048 – .375"	Inquire	Process finish trial
550 XF	79.8 – 98.6 min	89.9 min	18 min	.050 – .200"	Inquire	Recommend processed inquiry for Mo addition

035 XLF is softest HSLA using Ti addition.

060 XLF is available only up to .160" due to chemistry limit of Mn=.90mx.

040 XLF (EI=27 min) is inquiry only because we make it same as 045 XLF.

045 ZLF (EI=25 min) is inquiry only because we make it same as 050 YLF.

060 ZLF (EI=20 min) is inquiry only because we make it same as 070 XLF.

070 XLF to 080 YLF is made as Ti-HSLA for heavy gauge (see * in table) which may show moderate formability and high property variation.

High-strength low-alloy steel utilizing Niobium (Columbium), Titanium, Vanadium, or combination. SDI provides tensile test certificate.



HOT ROLL BAND PRODUCT CAPABILITIES

STANDARD CARBON STEEL

Specification	C	Mn	Si	Р	S	Applicable SAE No as SAE J403 *
SAE 1006	.02 – .06"	.25" max				1005
SAE 1008	.05 – .07"	.30 – .50"				1008
SAE 1015	.14 – .18"	.30 – .60"				1015
SAE 1017	.16 – .20"	.40 – .60"				1017
SAE 1018	.16 – .20"	.60 – .90"	.09" max	.025" max	.010" max	1018
SAE 1020	.18 – .23"	.40 – .60"				1020
SAE 1021	.18 – .23"	.60 – .90"				1021
SAE 1022	.18 – .23"	.70 – 1.00"				1022
SAE 1050	48 – .55"	.60 – .090"				1050

SDI grade designation may not be equivalent to SAE J403 chemistry spec

SAE 1006 is designed to be the leanest chemistry for formability.

SAE 1008 is designed to aim for similar property to SAE 1010.

Specification	Sheet Specification Produced as	Minimum Order Gauge	Minimum Order Width	Comment
SAE 1006 SAE 1008	ASTM A1011 CS	.042 – .050" .051 – .229"	40.0 - 56.0" 40.0 - 62.0"	Recommend processed finish under .080"
	ASTM A1018 CS	.230 – .375"	40.0 - 62.0"	
SAE 1015 SAE 1017 SAE 1018 SAE 1020 SAE 1021	ASTM A659*	.055 – .065" .066 – .229" .230 – .375" *	40.0 - 58.0" 40.0 - 62.0" 40.0 - 62.0"	Recommend processed finish under .080"
SAE 1022 SAE 1050	N/A *	Inquire	Inquire	Recommend processed finish under .080"
*Surface cracks may appear on heavy gauge medium carbon steel when product deformed including bending.				

The steel produced as commercial quality with specified standard chemistry listed below. SDI is not responsible for mechanical property.

STANDARD PACKAGE

I OD band and 3 ID bands, 30" ID.

SHAPE AND SURFACE

Hot rolling process has limited shape control especially on light gauge. Heads and tails of this process sometimes create surface defects. Additional post process may be needed to minimize these quality aspects.

SDI offer process line finish to improve quality especially on light gauge .080" and under. SDI also takes process finish trial for products outside of normal product limit. Please review "Hot Roll Processed Black band products" for detail capability.

CHEMISTRY

Each heat chemistry is tested at the tundish and reported on the certification. Some specific chemistry requirements may not be available. Please inquire for details.

MECHANICAL PROPERTY

Two coils per heat (sample coil 0D) are tested for the orders that require tensile test. Standard ASTM tensile is used and reported on the certification. SDI can not guarantee Rockwell hardness value.

UNIQUE SPECIFICATION

SDI can not accept customer spec or customer specific property requirements. Please contact mill metallurgist to determine if other possible existing specs may be compatible.

PIW

700 - 1150. Process line can split to make small PIW coils.