

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
21338M10020	21338M10063	50.0	50.0	1.6	Any	AS/NZS AS1163 : 2016	C350L0	Painted /NOPC 50x50x1.6
21340M10001	21340M10007							

Heat No.	Steel Supplier	Testing Authority/NATA (ILAC) No			Steel Chemical Analysis																Mechanical Test Results (Orientation-"L")												
		Tensile	Impact	Chemical	Analysis Type "L"/"P"	Testing Report No	C	P	Mn	Si	S	Ni	Cr	Mo	Cu	Al	Ti	Nb	V	B	CE	SiE	Testing Report No-Sample ID	Condition	Tensile Test			Impact Test at 0°C					
							(% x 100)																		YS	TS	E	1	2	3	Avg		
6779219	Australia-BSL	VTS/19968		BSL/632	L	D83037	16.4	1.7	72	0.5	1.3	1.7	3.6	0.3	4.5	3.4	<0.2	0.1	<0.3	0.04	29	5											
7812659	Australia-BSL	VTS/19968		BSL/632	L	D86720	15.9	2	72	<0.5	1.3	1.6	3.9	0.3	4.1	2.8	<0.2	0.1	<0.3	<0.03	29	6											
7812699	Australia-BSL	VTS/19968		BSL/632	L	D86720	15.9	1.8	72	<0.5	1.1	1.2	2.9	0.2	2.7	3.2	<0.2	0.1	<0.3	0.04	29	5	VT21-625-22883	A	430	495	37						

- Notes:**
- 1) CE=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15;
 - 2) SiE=Si+2.5P;
 - 3) Gauge Length for E= 5.65VSo;
 - 4) Impact test piece thickness is 5 mm;
 - 5) For t less than 6 mm L0 properties derived as per CI 9.4.2.3 (b) of AS/NZS 1163;
 - 6) "L" = LADLE, "P" = PRODUCT
 - 7) ALS=Australian Laboratory Services Industrial; VTS= Victorian Testing Inspection Services P/L; SS=Spectrometer Services Pty Ltd; BSL=Bluescope Steel;
 - 8) The production date in the format yyddd constitutes the first 5 digits of the pack number and is printed on each length;
 - 9) The steel is made by basic oxygen or an electric arc process and is fully killed, continuously cast and fine grained. The strip was hot rolled at the hot strip mill.
 - 10) Statistical sampling to AS1163 CI B3.2.



Product Test Certificate

211739

13/12/2021

Certificate Number

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
7812699	21338M10020 21338M10021 21338M10022 21338M10023 21338M10024 21338M10025 21338M10026 21338M10027 21338M10028 21338M10029 21338M10030 21338M10032 21338M10033 21338M10034 21338M10035 21338M10036 21338M10037 21338M10038 21338M10039 21338M10040 21338M10041 21338M10042 21338M10043 21338M10044 21338M10045 21338M10046 21338M10047 21338M10048 21338M10049 21338M10050 21338M10059 21338M10060 21338M10061 21338M10062 21338M10063 21340M10001 21340M10002 21340M10003 21340M10004 21340M10005 21340M10006 21340M10007
7812659	21338M10030 21338M10031 21338M10032 21338M10053 21338M10054 21338M10057 21338M10058 21338M10059 21338M10061 21338M10062
6779219	21338M10047 21338M10048 21338M10050 21338M10051 21338M10052 21338M10053 21338M10054 21338M10055 21338M10057

Australian Pipe and Tube confirms that products listed above were manufactured, tested, and supplied in full compliance with the specifications quoted in this certificate.

**Authorized signatory: MIKE DOUBLEDAY
MANAGER**