

RHS/SHS/CHS  
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
22166M10055	22166M10098	100.0	50.0	5.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted 100x50x5.0

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																					
6829069	Australia-BSL	VTS/19968		BSL/632	L	C37301	16.2	1.2	72	0.7	1.5	1.5	3.3	0.3	4.7	3.5	<0.2	0.1	<0.3	<0.03	29	4													
7836399	Australia-BSL	VTS/19968		BSL/632	L	C37321	16.2	1.4	69	<0.5	1.2	2.2	3.8	0.3	5.8	3	<0.2	0.1	<0.3	<0.03	29	4													
7836419	Australia-BSL	VTS/19968		BSL/632	L	D95795	16.7	1.8	73	0.5	1.4	2.2	4	0.4	7.1	3.6	<0.2	0.1	<0.3	0.03	30	5													
7836439	Australia-BSL	VTS/19968		BSL/632	L	D95795	16	1.6	72	0.5	1.1	1.9	4.3	0.3	5.7	3.1	<0.2	0.1	<0.3	0.03	29	4													
7840189	Australia-BSL	VTS/19968		BSL/632	L	C37317	16.4	1.3	70	0.6	1.3	6.7	4.1	0.8	6.1	3.5	<0.2	0.1	<0.3	<0.03	29	4	22-224/11-26210	A	437	489	26								

- 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 Cl 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 Cl B3.2.
  - 11) Tensile test performed to AS1391, impact test- to AS1544.2

**Packs covered by this certificate**

Heat	Pack Numbers
7840189	22166M10055 22166M10056 22166M10057 22166M10058 22166M10060 22166M10061 22166M10062 22166M10063 22166M10064 22166M10068 22166M10069 22166M10070
6829069	22166M10058 22166M10059 22166M10060 22166M10064 22166M10065 22166M10066 22166M10067 22166M10068
7836439	22166M10070 22166M10071 22166M10072 22166M10074 22166M10075 22166M10076 22166M10078 22166M10079 22166M10080 22166M10088 22166M10089 22166M10090 22166M10091 22166M10092
7836399	22166M10072 22166M10073 22166M10074 22166M10076 22166M10077 22166M10078 22166M10080 22166M10081 22166M10082 22166M10084 22166M10085 22166M10086 22166M10087 22166M10088 22166M10094 22166M10095 22166M10096
7836419	22166M10082 22166M10083 22166M10084 22166M10092 22166M10093 22166M10094 22166M10096 22166M10097 22166M10098



## Product Test Certificate

**221289**

Certificate Number

**20/06/2022**

Date



CERT NO.  
**161104**

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**