

RHS/SHS/CHS  
Nominal Size (mm)

PackFrom	PackTo	d / do	b	t	L	Specification	Grade	Product Description
22204M10015	22204M10024	50.0	25.0	2.5	Any	AS/NZS AS1163 : 2016	C350L0	Painted 50x25x2.5

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
7835029	Australia-BSL	VTS/19968		BSL/632	L	D96762	18	1.2	74	0.7	1.3	3.2	7.8	1.6	6.1	3.2	<0.2	0.1	<0.3	<0.03	31	4	22-266/17-26298	A	484	546	23				
7836319	Australia-BSL	VTS/19968		BSL/632	L	C37307	15.4	1.4	71	0.7	1.1	1.8	3.9	0.4	5.5	3.8	<0.2	0.1	<0.3	<0.03	28	4									
7837349	Australia-BSL	VTS/19968		BSL/632	L	C37316	15.5	1.1	72	0.6	1.2	1.5	1.6	0.3	4.3	3.4	<0.2	0.1	<0.3	<0.03	28	3									

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



# Product Test Certificate

**221352**

Certificate Number

**28/07/2022**

Date



CERT NO.  
**161104**

## Packs covered by this certificate

Heat	Pack Numbers
7835029	22204M10015 22204M10016 22204M10017 22204M10018 22204M10019 22204M10021 22204M10022
7837349	22204M10017 22204M10018 22204M10019 22204M10020 22204M10022 22204M10023 22204M10024
7836319	22204M10020 22204M10021 22204M10024

**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**