



RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d / do	b	t	L	Specification	Grade	Product Description
21302M10070	21302M10080	150.0	50.0	6.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted 150x50x6.0

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																	
6781899	Australia-BSL	VTS/19968	VTS/19968	BSL/632	L	C37229	15.8	1.1	73	0.6	1	1.7	2.7	0.3	4.4	3.5	0.2	0.1	0.3	0.04	29	3	VT21-543-22815	A	347	490	29	53	53	60	55

Notes:

- 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;
- 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
- ALS=Australian Laboratory Services Industrial; VTS= Victorian Testing Inspection Services P/L; SS=Spectrometer Services Pty Ltd; BSL=Bluescope Steel;
- The production date in the format yyddd constitutes the first 5 digits of the pack number and is printed on each length;
- 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.
- Statistical sampling to AS1163 Cl B3.2.



Product Test Certificate

211676

Certificate Number

04-Nov-21

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
6781899	21302M10070 21302M10071 21302M10072 21302M10073 21302M10074 21302M10075 21302M10076 21302M10077 21302M10078 21302M10079 21302M10080

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**