

RHS/SHS/CHS  
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
22176M10105	22176M10114	125.0	75.0	6.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted 125x75x6.0

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		
6829489	Australia-BSL	VTS/19968		BSL/632	L	C37301	15.7	1.4	72	<0.5	1.6	1.5	3.8	0.6	4.6	3.5	<0.2	0.1	<0.3	<0.03	29	4											
7828539	Australia-BSL	VTS/19968	VTS/19968	BSL/632	L	C37308	15.7	1.1	72	1.2	1.1	1.7	3.5	0.4	6.2	3.6	<0.2	0.1	<0.3	<0.03	29	4	22-224/19-26231	A	435	507	25	45	46	45	45		

- 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



# Product Test Certificate

**221303**

Certificate Number

**29/06/2022**

Date



CERT NO.  
**161104**

## Packs covered by this certificate

Heat	Pack Numbers
7828539	22176M10105 22176M10106 22176M10107 22176M10108 22176M10109 22176M10110 22176M10111
6829489	22176M10112 22176M10113 22176M10114

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**