

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d / do	b	t	L	Specification	Grade	Product Description
22243M10035	22243M10040	50.0	25.0	2.5	Any	AS/NZS AS1163 : 2016	C350L0	Painted 50x25x2.5
22246M10010	22246M10014							

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
																			MPa			Joules									
7833759	Australia-BSL	VTS/19968		BSL/632	L	C37329	16	1.4	72	<0.5	1.2	2.2	3.7	0.4	5.1	3.3	<0.2	0.1	<0.3	<0.03	29	4	22-306/1-26402	A	468	534	23				
7839649	Australia-BSL	VTS/19968		BSL/632	L	C37323	15.6	1	70	<.05	1.6	1.9	3.1	0.3	6.5	3.6	<0.2	0.1	<0.3	<0.03	28	3									
7842969	Australia-BSL	VTS/19968		BSL/632	L	C37345	15.4	1.2	73	0.6	1	1.1	2.1	0.2	3.2	4	<0.2	0.1	<0.3	<0.03	28	4									

- 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

221449

Certificate Number

5/09/2022

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
7833759	22243M10035 22243M10036 22243M10037 22243M10038 22243M10039 22243M10040 22246M10010 22246M10012 22246M10013
7842969	22243M10040
7839649	22246M10014

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