

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
21350M10049	21350M10057	76.1	0.0	5.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted CLEAR 76.1 x 5.0
21351M10002	21351M10066							

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			
7810249	Australia-BSL	VTS/19968		BSL/632	L	C37245	16	1.5	72	0.5	1.2	1.8	4	0.4	4.5	3.1	<0.2	0.1	<0.3	<0.03	29	4												
7811399	Australia-BSL	VTS/19968		BSL/632	L	C37245	17.7	1.6	30	0.5	1.6	1.4	3.2	0.3	3.9	2.9	<0.2	0.1	<0.3	<0.03	24	4	VT21-645-22912	A	420	492	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.



Product Test Certificate

211769

Certificate Number

21/12/2021

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
7811399	21350M10049 21350M10050 21350M10051 21350M10052 21350M10053 21350M10054 21350M10055 21350M10056 21350M10057 21351M10002 21351M10003 21351M10004 21351M10005 21351M10006 21351M10007 21351M10008 21351M10009 21351M10010 21351M10011 21351M10012 21351M10013 21351M10014 21351M10015 21351M10017 21351M10018 21351M10020 21351M10021 21351M10022 21351M10023 21351M10024 21351M10025 21351M10026 21351M10027 21351M10028 21351M10029 21351M10030 21351M10031 21351M10032 21351M10033 21351M10034 21351M10035 21351M10036 21351M10037 21351M10038 21351M10039 21351M10040 21351M10041 21351M10042 21351M10043 21351M10044 21351M10047 21351M10048 21351M10051 21351M10052 21351M10053 21351M10054 21351M10057 21351M10058 21351M10059 21351M10060 21351M10061 21351M10062 21351M10063 21351M10064 21351M10065 21351M10066
7810249	21351M10015 21351M10016 21351M10017 21351M10018 21351M10019 21351M10020 21351M10045 21351M10046 21351M10049 21351M10050 21351M10055 21351M10056

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**