

PRODUCT INFORMATION

Product / Tradename	Metal-Cor 3	Certificate No.	37676
Standard / Classification	AS/NZS ISO 17632 B: T 49 3 T15 0 M A U H5 AWS/ASME-SFAA5.18: E70C-6M H4	Date	16/11/23
		Batch No.	
		Part Number	722910
		Consumable Type	Flux Cored Wire
Size	1.6 mm	Country of Origin	South Korea

[2.2] – TYPICAL CHEMICAL ANALYSIS

TYPICAL DATA: ACC TO EN 10204 2.2

C	Mn	Si	P	S	Ni	Cr	Mo	V	Cu	Nb	Ti	Al	B	Zr
0.04	1.62	0.73	0.013	0.014										

Notes

[2.2] – TYPICAL MECHANICAL PROPERTIES

TYPICAL DATA: ACC TO EN 10204 2.2

TENSILE PROPERTIES

Condition	As Welded	Shielding	ISO 14175: M21
Test Temp	R _p 0.2% 0.2% Yield	R _m UTS	A ₅ Elongation
Ambient	460 MPa	560 MPa	28%

IMPACT PROPERTIES

TYPICAL DATA: ACC TO EN 10204 2.2

Temp	Impact Value	Lateral Expansion
-30°C	>47 J avg.	

OTHER MECHANICAL PROPERTIES – TYPICAL AVG.

Hardness	
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OTHER PROPERTIES / INFORMATION

Diffusible Hydrogen (typical) ml H/100g weld metal		Radiographic Soundness	
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COMPLIANCE

Cigweld Pty. Ltd. certifies that the material listed in the certificate conforms to the listed specifications and this product is supplied under a QA Program fulfilling the EN ISO 9001 standard	This certificate is produced electronically and is valid without signature. Issued by Vida Mokhtar Quality Manager	Reviewed by Damian Bibby Senior Brand Manager - Consumables	Company Details Cigweld Pty Ltd 71 Gower Street, Preston Victoria, Australia, 3072 Tel: (03) 94747400 Fax: (03) 94747391
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