

**PRODUCT INFORMATION**

Product / Tradename	Comweld AL5356	Certificate No.	38401
Standard / Classification	AS 1167.2: R5356 AWS/ASME-SFA A5.10: R5356	Date	10/12/23
		Batch No.	
		Part Number	321642
		Consumable Type	Tig Rod
Size	3.2 mm	Country of Origin	China

**[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
	0.12	0.04				0.13			0.003		0.08	Bal.		

Notes
Zn: 0.001%

**[2.2] – TYPICAL MECHANICAL PROPERTIES**

TYPICAL DATA: ACC TO EN 10204 2.2

**TENSILE PROPERTIES**

Condition	As Welded	Shielding	ISO 14175: I1
Test Temp	R <sub>p</sub> 0.2% 0.2% Yield	R <sub>m</sub> UTS	A <sub>5</sub> Elongation
Ambient	140 MPa	275 MPa	18%

**IMPACT PROPERTIES**

TYPICAL DATA: ACC TO EN 10204 2.2

Temp	Impact Value	Lateral Expansion

**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.  <b>Issued by</b> <b>Vida Mokhtar</b> Quality Manager	<b>Reviewed by</b> <b>Damian Bibby</b> Senior Brand Manager - Consumables	<b>Company Details</b>  Cigweld Pty Ltd 71 Gower Street, Preston Victoria, Australia, 3072 Tel: (03) 94747400 Fax: (03) 94747391
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