

# Test Certificate

The Green Environment FZC,  
Umm Al Quw  
UMM AL QUWAIN  
UNITED ARAB EMIRATES

Report Number D911824 : Issue 1  
Page 1 of 2  
Order Number BS-PO-22-21-01894  
Date Tested 17/06/22  
Date Reported 21/06/22

Item - 50 x 50 x 3mm Aluminium Hollow Section  
Material Grade: Alloy 6063 T6

Specification - N/A

Tensile Test - ASTM B557 -15							
	Thickness x Width [mm]	Area [mm <sup>2</sup> ]	GL [mm]	R <sub>p0.20</sub> [N/mm <sup>2</sup> ]	UTS [N/mm <sup>2</sup> ]	%E1	Comments
001:Parent	2.59 x 12.57	32.56	50.00	216	236	11	See Below
Item 001: Requirements as per ASTM B221M-21 Alloy 6063-T6							
	UTS (MPa)	Rp0.20 (MPa)	%E1				
	-----	-----	-----				
	Min. 205	Min. 170	Min. 8				

Chemical Analysis - OES												
	Al [%]	Cr [%]	Cu [%]	Fe [%]	Mg [%]	Mn [%]	Si [%]	Ti [%]	Zn [%]			Comments
002:	98.8	<0.0001	0.002	0.17	0.51	0.03	0.40	0.009	0.002			See Below
Item 002: Test Method Used - EMT-M-OP-CH-AUH-MD101												
Requirements as per ASTM B221M-21 Alloy 6063												
	Al%	Cr%	Cu%	Fe%	Mg%	Mn%	Si%	Ti%	Zn%			
	-----	-----	-----	-----	-----	-----	-----	-----	-----			
	Rem 0.10	0.10	0.35	0.45-0.9	0.10	0.20-0.6	0.10	0.10				
*Limits are maximum unless shown as a range												

## Certificate Comments

The test results are in accordance with  
ASTM B221M-21 Alloy 6063-T6.

Conformity statement reported with no decision rule applied.  
Uncertainty of measurement available on request.

Chemical analysis was subcontracted to an approved ISO/IEC 17025  
accredited laboratory within Element Materials Technology Group.

----- End of Text -----

The Green Environment FZC,  
Aluminium Hollow section  
Material Grade: Alloy 6063 T6

Report Number D911824 : Issue 1  
Page 2 of 2

Tested by **AI Futtaim Element MT DXB LLC**

 (17)  
الفيتم اليمنت  
العظيم اليمنت ماتيريالز تكنولوجي دي.إ.إ.م  
AI Futtaim Element Materials Technology Dubai L.L.C  
PO Box 34924, Dubai, United Arab Emirates  
T: +971 (0)4 885 1001 | F: +971 (0)4 885 4004

  
Pratap Adiyodi  
Operations Manager Metallurgy  
For and on authority of  
AI Futtaim Element Materials