



Aluminum Profile Datasheet

Client		YANGLIN TECH CO., LTD			Mexcom Suministros			6005-T5		
Standard		GB/T5237.2-2017, AA10			Production Date			2025.01.05		
Series, Profile No		Colour			(pcs) QTY.			(Kg) WT.		
R02 Rail		Anodizing Silver			5184			17589		
Chemical Component	Element	Ng	Si	Fe	Cu	Mn	Cr	Zn	Ti	Al
	(%) Standard	0.4-0.6	0.6-0.9	≤0.35	≤0.10	≤0.10	≤0.10	≤0.10	≤0.10	Rem
	(%) Result	0.544	0.732	0.172	0.037	0.024	0.013	0.011	0.012	Rem
	Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Mechanical Property	Inspection Item	Tensile Test								
		Rm (N/mm ²)	(N/mm ²)			A50 (%) Elongation after Break				
	Standard	≥260	≥240			≥8				
	Result	297	266			9.2				
	Conclusion	PASS	PASS			PASS				
Anodizing Film Performance	Inspection	Film thickening (μm)			Hole Sealing Quality			Color, colordifference		
	Test Method	Eddy current method			Phosphoruschromic			Object and sample		
	Result	≥10μm			≤30Ng/dm ²			PASS		
	Result	13			18.72			PASS		
	Conclusion	PASS			PASS			PASS		
Other	Inspection	Inspection requirements					Result		Conclusion	
	Dim. Tol.	GB, T5237.2-2017 As per high precision level GB/5237.2-2017 and as per					As Per		PASS	
	Appearance	Extrusion surface has no electric burns, defects such					As Per		PASS	
Comprehensive Conclusion		PASS								
Remarks	Any copy version or no red-stamp of this document invalid.									