



Certificado de calidad

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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 thicking (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	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.									