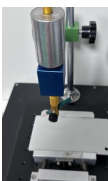
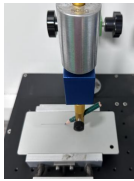
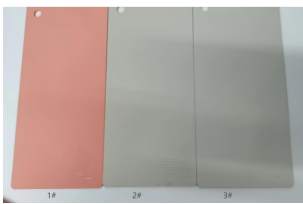




产品涂装检测报告
Product Coating Inspection Report

文件编号file number:ZWB-QR-FZ-050 版本Edition: A/1

制造商 Dongguan Zhonghui Precision Die Casting Technology Co., Ltd.				制造商代码 Manufacturer Code:		MA56H9W1-0	
电话 Tel :0769-86180256				Email:info@zhprecisiontech.com			
地 址 Floor 1-2, No. 66 Weijian Road, Chashan Town, Dongguan, Guangdong, China							
客户代码 Customer Code			订 单 号 PO No.				
油漆装配号码 Paint Assy Number:		901.188.304	图纸版本 Drawing Rev	B	产品数量 Order Quantity		2pcs
油漆装配号码 Paint Assy Number:		901.188.139	图纸版本 Drawing Rev	A	产品数量 Order Quantity		4pcs
油漆装配号码 Paint Assy Number:		901.188.303	图纸版本 Drawing Rev	-	产品数量 Order Quantity		2pcs
油漆装配号码 Paint Assy Number:		901.188.135	图纸版本 Drawing Rev	-	产品数量 Order Quantity		2pcs
油漆装配号码 Paint Assy Number:		901.188.105	图纸版本 Drawing Rev	-	产品数量 Order Quantity		2pcs
参考色板号码 Color ref. Plate nr.:		/					
见证样品号码 Witness Sample nr.		1#~5#	日期 Date: 2021.12.18	见证样品数量 Quantity of witness samples: 2PCS		生产批次号: 20211013005	
要求 Requirements		底漆 Primer			面漆 Top Coat		
油漆厂商代码 Code of Painting Supplier		TY00-W200-187G02			ZWB0-W400-001		
油漆生产批次号 Paint batch No.		12-240227-15H			12-240305-29H		
油漆有效期至 Paint expiry Date		2024.02.28至2025.02.27			2024.3.11至2025.03.10		
固化剂批次号 Hardner batch No.		12-240227-14H			12-240304-7H		
固化剂有效期至 Hardner expiry Date		2024.02.28.至2025.02.27			2024.03.06至2025.03.05		
稀释剂批次号 Thinner batch No.		去离子水			屈臣氏蒸馏水		
稀释剂有效期至 Thinner expiry Date		2025.02.24			2025.02.22		
见证样品涂装检验项目清单 Item list of coating inspection for witness samples							
序号No.	检验项目 Test Item	测试方法 Test Method	验收标准 Acceptance Criteria	实际测量值 Test Result	测量图片 Test Photos		判定结果 Conclusion
1	Paint Layer Thickness	ISO2808(The fifth method) For the limit sample ,reserve a 5x5mm area without spaying any paint,which is to be used as a reference for measuring the film thickness of each of the three layers of paint. Use micrometer to measure the film thickness.	(Total Paint Layer) 100±17µm、(Etch primer Layer)10±2µm、(Epoxy Primer layer)30±5µm、(Polyurethane Finishing Layer)2×30±5µm	Total paint layer thickness is 146um	 before  after		Pass
2	Color and Glossness	Color of the painted parts shall be checked in accordance with ISO 3668, 2nd edition	(Compared with standard color plate FS-34083 Forest Green Matt) ΔE≤1.0	0.6	 Standard color: 1.L=70.2 2.a=-1.4 3.b=4.9	 ΔE=0.2 1.L=70.5 a=-1.4 3.b=4.9	Pass
			Color difference of the same batch witness samples ΔE≤0.5	0.2			Pass
3		Gloss shall be tested in accordance with ISO 2813, edition 3. Measuring angle: 60°	Specular gloss: 80%≥Glossness ≥45%	2.9% 2.5%	 		NG

4	Scratch Hardness Test	Test in accordance with ISO1518	Whether the paint layer is penetrated	The paint layer is not penetrated	   硬度测试前 硬度测试中 硬度测试后	Pass
5	Neutral salt spray test (NSS)	Test according to ISO7253 (Test board with scratches)	According to ISO4628/2, there's no corrosion after 336 hours neutral salt spray test.	No blisters, wrinkles or other visible defects		Pass
6	Adhesion test	According to ISO2409	Do corrosion resistance test, then dry for 24 hours, then do the paint adhesion test. The result should be no more than Level 1.	Level 0		Pass
7	Isopropanol Resistance Test	According to STANAG 4360, 8C	No blisters, wrinkles or other visible defects	No blisters, wrinkles or other visible defects	 异丙醇 before 异丙醇 after	Pass
8	Resistance to Agents (10% H ₂ SO ₄)	According to STANAG 4360, 8C	No blisters, wrinkles or other visible defects	No blisters, wrinkles or other visible defects	 before after	Pass
9	Surtec thickness	Film thickness detector	≤5 μm	4.2um		Pass
10	Hard Black (Matt) Anodising Layer Thickness	Film thickness detector	25±10 μm	23.7um		Pass
检验 Inspector:				Approved by 批准:	日期 Date:	Shelf life: 1 year