

# 检 测 报 告

## TEST REPORT

报告编号/No.: STS22RY0816504-R1

样品名称 6063 铝合金型材

Sample Name /

委托单位 江西鲲鹏钢艺设备有限公司

Client /

检验类别 委托检验

Test Type Entrustment Inspection

**江苏科泰检测技术服务有限公司**  
**Jiangsu Science Test Technology Service Co., Ltd**



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委托单位名称 Client's Unit	江西鲲鹏钢艺设备有限公司		
地址/电话 Add./Tel.	江西省宜春市樟树市盐城南大道 66 号 (商会大厦) B-616		
样品描述 Sample Description	样品状态/ Sample Description: 固态/ Solid state 样品名称/ Sample Name: 6063 铝合金型材 材质/Material: 铝合金	样品数量/Sample Quantity: 1 牌号/Brand: 6063-T5 其它/Else: /	
检测设备 Test Equipment	微机控制电子万能试验机 ETM305D Microcomputer controlled electronic universal testing machine ETM305D 维氏硬度计 HV-50A/Vickers hardness tester HV-50A 立式全谱直读光谱仪 CX-9800 Vertical full spectrum direct reading spectrometer CX-9800		
检测标准 /检测项目/检测结果 Test Methods /Test Items/ Test Results	见下页 Vide infra		
送样日期 Delivering Date	2022.08.26	检验日期 Test Date	2022.09.02
备注 Notes	江阴实验室 Jiangyin Laboratory		
编制 Compiled by	朱艳		
审核 Checked by	梅永		
批准 Approved by	朱焯		



1. 拉伸试验/Tensile test

检测标准/Test standard: GB/T 228.1-2010

检测结果/Test results:

试样编号 Sp. No.	抗拉强度 R <sub>m</sub> Tensile Strength (MPa)	规定塑性延伸强度 R <sub>p0.2</sub> Proof Strength R <sub>p0.2</sub> (MPa)	断后伸长率(A) Percentage Elongation after Fracture (%)	备注 Note
技术要求 Tech. req.	≥ 175	≥ 130	≥ 6	选自/From the GB/T6892-2015, 6063-T5
4-1	234	207	8.0	符合 Acceptable

2. 成分分析/Component analysis

检测标准/Test standard: GB/T 7999-2015

检测结果/Test results:

试样编号 Sp. No.	Si (%)	Fe (%)	Cu (%)	Mn (%)	Mg (%)
技术要求 Tech. req.	0.20-0.6	≤ 0.35	≤ 0.10	≤ 0.10	0.45-0.9
4-2	0.45	0.28	0.10	0.08	0.48
试样编号 Sp. No.	Cr (%)	Zn (%)	Ti (%)	备注 Note	
技术要求 Tech. req.	≤ 0.10	≤ 0.10	≤ 0.10	选自/From the GB/T3190-2020, 6063	
4-2	0.02	0.06	0.013	符合 Acceptable	

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3. 维氏硬度试验/Rockwell hardness test

检测标准/Test standard: GB/T4340.1-2009

检测结果/Test results:

试样编号 Sp. No.	检测结果 Test Result			平均值 AVG	硬度符号 Hardness symbol	备注 Note
技术要求 Tech. req.	≥58 HV					客户提供 Provided by clients
4-3	80.4	79.5	81.3	80.4	HV1	符合 Acceptable

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