



180002280586

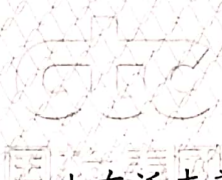


中国认可  
国际互认  
检测  
TESTING  
CNAS L0690

# 检 验 报 告

## TEST REPORT

中心编号(№): WT2019B01B01045



委托单位:

山东沃丰新材料有限公司  
Shandong Wofeng New Material Co.,Ltd.

Entrusted by

样品名称:

氟碳彩涂铝板  
PVDF Color coated aluminum sheet

Sample Name

检验类别:

委托检验  
Entrustment test

Test Type



### 国家建筑材料测试中心

National Research Center of Testing Techniques for Building Materials



WT2019B01B01045







# 国家建筑材料测试中心

(National Research Center of Testing Techniques for Building Materials)

180002280586

## 检验报告

(Test Report)

中心编号 (No): WT2019B01B01045

第 1 页 共 3 页/Page 1 of 3

|                                       |  |                             |  |
|---------------------------------------|--|-----------------------------|--|
| 样品名称<br>Sample Name                   | 氟碳彩涂铝板<br>PVDF Color coated aluminum sheet   | 检验类别<br>Test Type           | 委托检验<br>Entrustment test   |
| 受检单位<br>Applicant                     | 山东沃丰新材料有限公司<br>Shandong Wofeng New Material Co.,Ltd.   | 商标<br>Brand                 |  |
| 生产单位<br>Manufacturer                  | 山东沃丰新材料有限公司<br>Shandong Wofeng New Material Co.,Ltd.   | 样品状态<br>Sample Description  | 已裁样块 样品完好<br>Processed sample  |
| 来样日期<br>Receiving Date                | 2019年06月12日<br>June 12, 2019   | 样品数量<br>Quantity of samples | 500mm × 500mm 5 块 Pcs.<br>500mm × 400mm 4 块 Pcs.<br>50mm × 100mm 12 块 Pcs.<br>100mm × 100mm 6 块 Pcs. |
| 生产日期/批号<br>Production Date/ Batch No. | 2019年01月04日<br>January 4, 2019<br>/20190104001   | 型号规格<br>Model/Size          | 0.8mm 无清漆 No clearcoats  |
| 检验依据<br>Test Standard                 | 各检验项目检验依据详见数据页。<br>The standard for the tested items are detailed in the data pages.   |                             |  |
| 判定依据<br>Judgment Standard             | YS/T 431 - 2009 (2017)《铝及铝合金彩色涂层板、带材》<br>YS/T 431 - 2009 (2017) Aluminum and aluminum alloys-Coil coated sheet and strip   |                             |  |
| 检验项目<br>Test Items                    | 涂层厚度、光泽等共 7 项, 详见第 2~3 页。<br>Test items are detailed in pages 2~3.   |                             |  |
| 检验结论<br>Conclusion                    | *经检验, 送检样品光泽的检验结果见第 2 页, 其余委托检验项目的检验结果符合 YS/T 431 - 2009 (2017) 中氟碳无清漆涂层的技术要求。检验结果见第 2~3 页。* Upon testing, the test result of gloss is shown in page 2, other tested results comply with the requirements for fluorocarbon coatings without clear coats of YS/T 431 - 2009 (2017). *<br>签发日期 (Date of issued): 2019年10月25日<br>(October 25, 2019)<br> |                             |  |
| 附注 (Remarks):                         | 1、样品编号 Sample number: RAL9006; 2、等级 Grade: A.  |                             |  |

批准:

Approved by

审核:

Verified by

编制:

Compiled by

检验单位地址: 北京市朝阳区管庄中国建材院南楼 电话: 65728538 邮编: 100024





# 国家建筑材料测试中心

(National Research Center of Testing Techniques for Building Materials)

## 检验报告

(Test Report)

中心编号 (No.): **WT2019B01B01045**

第 2 页 共 3 页/Page 2 of 3

| 序号<br>No. | 检验项目<br>Test Item                           | 标准要求<br>Requirements of Standard   |                                 | 检验结果<br>Test Results  | 单项结论<br>Individual<br>Conclusion | 检验依据<br>Test Standards   |
|-----------|---|--|---------------------------------|---|----------------------------------|--|
| 1         | 涂层厚度<br>Coating<br>thickness                | $> 24\mu\text{m}$  |                                 | 25 $\mu\text{m}$  | 符合<br>Pass                       | YS/T 431 - 2009<br>(2017)<br>4.4.1<br>GB/T 4957-2003           |
| 2         | 光泽<br>Gloss                                 | 60° 光泽值<br>$> 80$<br>60° Gloss<br>value $> 80$   | 允许偏差为<br>Difference<br>$\pm 10$ | 光泽范围<br>Gloss range 30.2~31.7<br>平均值 Avg.31.1   | —                                | YS/T 431 - 2009<br>(2017)<br>4.4.2<br>GB/T 9754-2007           |
|           |   | 20 $\leq$ 60° 光<br>泽值 $< 80$<br>20 $\leq$ 60°<br>Gloss value $<$<br>80                                 | 允许偏差为<br>Difference<br>$\pm 7$  |   |                                  |  |
|           |   | 60° 光泽值<br>$< 20$<br>60° Gloss<br>value $< 20$   | 允许偏差为<br>Difference<br>$\pm 5$  |   |                                  |  |
| 3         | 铅笔硬度<br>Pencil hardness                     | $> 1\text{H}$  |                                 | 2H<br>(中华牌铅笔<br>CHUNG HWA)  | 符合<br>Pass                       | YS/T 431 - 2009<br>(2017)<br>4.4.3<br>GB/T 6739-1996           |
| 4         | 耐冲击性<br>Impact<br>resistance                | 无粘落、无裂痕<br>No sticking, no cracking  |                                 | 无粘落、无裂痕<br>No sticking, no<br>cracking  | 符合<br>Pass                       | YS/T 431 - 2009<br>(2017)<br>4.4.5<br>GB/T 1732-1993<br>(2004) |
| 5         | 附着性<br>Film adhesion                        | 0 级或 1 级<br>Rating 0/Rating 1  |                                 | 0 级<br>Rating 0   | 符合<br>Pass                       | YS/T 431 - 2009<br>(2017)<br>4.4.6<br>GB/T 9286-1998<br>(2004) |
| 6         | 耐盐雾性<br>Salt spray<br>resistance<br>(1000h) | 在划线 2mm 以外, 无腐蚀和<br>涂层脱落现象<br>no corrosion and removal of<br>coating outside 2mm<br>of the scribe area |                                 | 在划线 2mm 以外, 无<br>腐蚀和涂层脱落现象<br>no corrosion and<br>removal of coating<br>outside 2mm<br>of the scribe area | 符合<br>Pass                       | YS/T 431 - 2009<br>(2017)<br>4.4.12<br>GB/T 10125-2012         |

检验单位地址: 北京市朝阳区管庄中国建材院南楼 电话: 65728538 邮编: 100024





# 国家建筑材料测试中心


(National Research Center of Testing Techniques for Building Materials)

## 检验报告

(Test Report)

中心编号 (No): **WT2019B01B01045**

第 3 页 共 3 页/Page 3 of 3

| 序号<br>No.   | 检验项目<br>Test Item            |                             | 标准要求<br>Requirements of<br>Standard | 检验结果<br>Test Results | 单项结论<br>Individual<br>Conclusion | 检验依据<br>Test Standards  |
|---|------------------------------|-----------------------------|-------------------------------------|----------------------|----------------------------------|---|
| 7   | 耐候性<br>Weathering<br>(2000h) | 粉化<br>Chalking              | 0 级<br>Rating 0                     | 0 级<br>Rating 0      | 符合<br>Pass                       | YS/T 431 - 2009<br>(2017)<br>4.4.14<br>GB/T 1865-2009<br>GB/T 9754-2007<br>GB/T 1766-2008 |
|   |                              | 光泽保持率<br>Gloss<br>retention | > 85%                               | 93%                  | 符合<br>Pass                       |   |
|   |                              | 变色程度<br>Color<br>difference | < 1 级<br>< Rating 1                 | 0 级<br>Rating 0      | 符合<br>Pass                       |   |
| (以下空白 Blank)  |                              |                             |                                     |                      |                                  |   |
| <br>CTC<br>国检集团 |                              |                             |                                     |                      |                                  |   |
| 备注 (Remarks): (此处空白 Blank)  |                              |                             |                                     |                      |                                  |   |

————— 本报告结束 The End —————

检验单位地址: 北京市朝阳区管庄中国建材院南楼 电话: 65728538 邮编: 100024





# 说 明

## Notice

1、本报告无中心“检验专用章”和骑缝章无效。

*This test report is invalid without the seal.*

2、本报告无“编制、审核、批准”签字无效。

*This test report is invalid without the signatures of the related persons.*

3、本报告涂改、部分复印无效。

*This test report is invalid if erased, altered or copied partially.*

4、对本报告若有异议，应于收到报告之日起十五日内向本中心提出，逾期恕不受理。

*Any doubt should inform us within 15 days after receiving the test report.*

5、委托检验样品和委托信息由委托人提供，中心不对其真实性负责，委托检验结果仅对来样负责。

*The commissioned testing samples and commission information are provided by the applicant. The results shown in the test report refer only to the sample(s) tested unless otherwise stated. Identifying authenticity of the supplied samples and information is out of our responsibility.*

6、本报告采用防伪纸张，复印后应带有网格底纹，数据页背面的编号为随机编号，与报告内容无关。

*This test report is printed on anti-counterfeiting paper. Its copy should have grid shading. The numbers on the back of the data sheet are random numbers not related with the report.*

中  
国  
国  
际  
检  
测  
有  
限  
公  
司

本中心联系方式：

地址 (Address)：北京市朝阳区管庄东里1号

*No.1 Guanzhuang Dongli, Chaoyang District, Beijing 100024, P.R. China.*

邮编 (Post Code)：100024

电话 (Tel)：(86-10) 65728538 51167681 / 7983 / 7984

传真 (Fax)：(86-10) 65715991

报告真伪查询；Tel: (86-10) 51167679

Fax: (86-10) 65764684

网址 (Web)； <http://www.cbmtc.com>

[www.chinabmnet.com](http://www.chinabmnet.com)

[www.etc.ac.cn](http://www.etc.ac.cn)

电子邮箱 (E-mail)； [baogao@etc.ac.cn](mailto:baogao@etc.ac.cn)

