TEST REPORT

No. Q2024A0026

Sample name:Borosilicate 3.3 glass tube

Deliver Unit: Taixing Longteng Solar thermal Material Technology Co., LTD

Production Unit: Taixing Longteng Solar thermal Material Technology Co., LTD

Test Type : Commissioned Test

National Light Industry Glass Product Quality Supervision and Testing Center

The statement

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National Light Industry Glass Product Quality Supervision and Testing Center
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No. Q2024A0026

Sample name	Borosilicate 3.3 glass tube		Trademark	/
Sample state	/	Specification	60mm*4.5mm	
Entrust Unit	Taixing Longteng Solar thermal Material Technology Co., LTD			
Address	No.88, Caqiao, Taichang Road, Hongqiao Town, Taixing City, Jiangsu Province			
Production Unit	Taixing Longteng Solar thermal Material Technology Co., LTD			
Address	Taixing Longteng Solar thermal Material Technology Co., LTD			
Test Type	Commissioned Test	Receiving Sample quantity	1pce (Batch:1)	
Task Source	/			
Sampling Unit	/			
Sample Provide Unit	/			
Production Date	30 July ,2024	Sample Date	/	
Sample Location	/	Sample Plan	/	
Sample Person	/	Sample Environmental Conditions	/	
Sample Standard& Deviation	/	Sample Amount	/	
Test Amount	1 pce	Test Date	09 August,2024~27 September,2024	
Test Item	Coefficient of mean linear thermal expansion,Complexity analysis(Silica content,Ferric oxide content,Aluminium oxide content,Potassium oxide content,Sodium oxide content,Content of boron trioxide)			
Test Based on&Or Determine The Principles of	GB/T28194-2011 Determination of the thermal expansion coefficient of the glass double-wire normal; GB/T1549- 2008 Fibre glass chemical analysis method			
Test conclusions	The Coefficient of mean linear thermal expansion was tested based on the measurement standard of GB / T28194-2011; The complexity analysis of product were tested according to the GB/T1549-2008, the test results are shown on the report data page. (Seal inspection reports) Date of issue: 30 September,2024			
Remarks				

Translation (Sign): ChenJuan 陈娟 Date: 27 September ,2024

Audit (Sign): LianXinYa 连新亚 Date: 30 September ,2024

Approval (Sign): YuanChunMei 袁春梅 Date: 30 September ,2024

National Light Industry Glass Product Quality Supervision and Testing Center
TEST REPORT

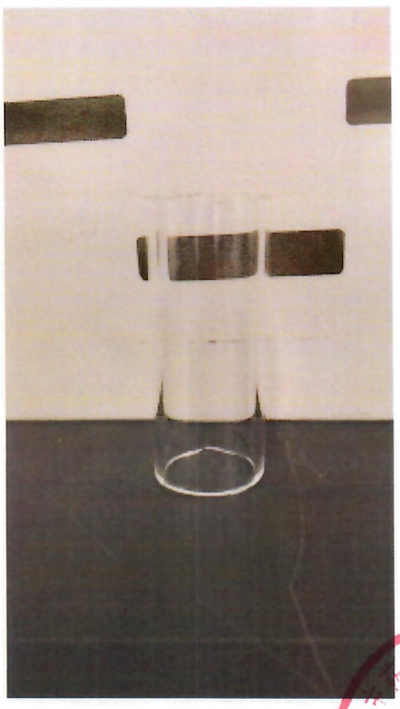
No.: Q2024A0026

Test Item	Technical requirements	Amount of inspection	Test results	Unqualified	Nonconforming product	Individual convicted
Silica content	/	/	80.30%	/	/	/
Ferric oxide content	/	/	0.02%	/	/	/
Aluminium oxide content	/	/	2.05%	/	/	/
Potassium oxide content	/	/	0.05%	/	/	/
Sodium oxide content	/	/	4.14%	/	/	/
Content of boron trioxide	/	/	13.30%	/	/	/
Coefficient of mean linear thermal expansion	/	/	$3.37\times10^{-6}K^{-1}$ (20°C~300°C)	/	/	/

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Photo page



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