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中国认可
国际互认
检测
TESTING
CNAS L0846

TEST REPORT

WSW

No.21060881

Product Glass Wool Blanket

Client Dongying Huadeli New Material Co., Ltd.

Test Type Type testing



China National Fiberglass Product Quality Supervision & Testing Center

2021-07-23

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Nanjing Guocai Testing Co., Ltd.

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Client	Dongying Huadeli New Material Co., Ltd.	Address of client	Dongying City, Shandong Province
Product	Glass Wool Blanket	Specification	16-8000×1220×75
Trade mark	Huadeli	Sample sender	Chang Xiaoyin
Manufacture	Dongying Huadeli New Material Co., Ltd.	Date of production	2021-05-12
Test item	Shot content, moisture content, appearance, dimension, density, average diameter of fiber, heat shrinkage temperature under load, thermal conductivity (25℃, 70℃), classification for burning behavior A(A1), moisture absorption by mass, formaldehyde emission, free acrylic acid content.		
Additional information	None.		
The above information is provided by the client, the center is not responsible for its truthfulness.			
Test type	Type testing	Date of sample received	2021-06-04
Sample state	Yellow fibrous blanket		
Sample quantity	(8000×1220×75) mm, 1 roll	Testing period	2021-06-04 ~ 2021-07-20
Test standard	GB/T 13350-2017 Glass wool and its products for thermal insulation GB 8624-2012 Classification for burning behavior of building materials and products		
Testing result	The sample has been tested and the results conform to the stipulation of GB/T 13350-2017 <i>Glass wool and its products for thermal insulation</i>. The burning behavior of the sample conforms to the requirement of Class A(A1) defined in GB 8624-2012 <i>Classification for burning behavior of building materials and products</i>. Test results are detailed in the annex (page2-3). The test results only represent the technical properties of the samples received.		
Declaration			

Approved by:

唐健

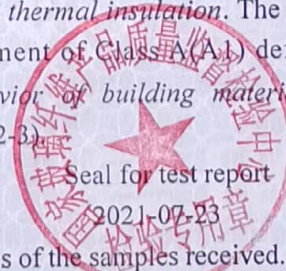
Technical Chief

Checked by:

丁晴

Compiled by:

吴仕昌



Annex to Test Report

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Test item		Test method	Requirement	Test result	Judgment
Appearance		GB/T 13350-2017	Flat surface, resin even distribution, no scar, stain or damage hindering use. Firmly stuck between facing and glass wool.	Flat surface, resin even distribution, no scar, stain or damage hindering use. Firmly stuck between facing and glass wool.	Pass
Dimension mm	Length	GB/T 5480-2017	8000^{+10}_0	8008	Pass
	Width		1220^{+10}_{-3}	1226	Pass
	Thickness		≥ 75	82	Pass
Density kg/m ³			16^{+3}_{-2}	16	Pass
Shot content % (over 0.25mm)			≤ 0.3	0.0	Pass
Moisture absorption by mass % (50℃, 95% RH, 96h)			≤ 5.0	4.4	Pass
Average fiber diameter μm			≤ 7.0	6.1	Pass
Heat shrinkage temperature under load ℃			≥ 250	280	Pass
Moisture content %		GB/T 20313-2006	≤ 1.0	0.3	Pass
Formaldehyde emission mg/m ³		GB/T 32379-2015 (1 m ³ climate box)	≤ 0.08	0.006	Pass
Free acrylic acid content %		GB/T 34181-2017 Appendix D	——	Not detected (Detection limit is 0.0024)	——



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Test item		Test method	Requirement	Test result	Judgment
Thermal conductivity W/(m·K)	Average temperature 25°C	GB/T 10295-2008	≤ 0.045	0.039	Pass
	Average temperature 70°C		≤ 0.053	0.048	
Burning behavior Class A(A1)	PCS MJ/kg	GB/T 14402-2007	≤ 2.0	0.6	Pass
	Mass loss %	GB/T 5464-2010	≤ 50	3.3	
	Temperature rise °C		≤ 30	2	
	Duration of sustained flaming s		0	0	

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