



TEST REPORT



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REPORT NO. 24134030690

NAME OF SAMPLE Silicone paper for food packaging
(white)

CUSTOMER Zhejiang Xianlu New Materials Co., Ltd

INSPECTED ENTITY /

TEST CATEGORY Entrusted test

ZHEJIANG FANGYUAN TEST GROUP CO., LTD.

NATIONAL CENTER OF QUALITY INSPECTION FOR PREPACKAGED FOODS (ZHEJIANG)

ZHEJIANG FANGYUAN TEST GROUP CO., LTD.
NATIONAL CENTER OF QUALITY INSPECTION FOR PREPACKAGED FOODS (ZHEJIANG)
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Name of Sample	Silicone paper for food packaging (white)	Test Category	Entrusted test
Model Grade	/ Qualified product	Trademark	/
Date of Manufacture	/	Serial No.	/
Name of Customer	Zhejiang Xianlu New Materials Co., Ltd	Inspected Entity	/
Contact Information	No.1 Juhai 2Rd., Qujiang District, Quzhou City, Zhejiang, China	Manufacturer	Zhejiang Xianlu New Materials Co., Ltd
Sampling Organization	/	Number of Samples	/
Sample Location	/	Number of Sample(s) For Inspection	/
Sampling Date	/	Receiving Number of Sample(s)	70 pieces
Sample(s) Deliverer	Zhejiang Xianlu New Materials Co., Ltd	Receiving Date of Sample(s)	2024.03.20
Decision Criteria	Q/ZJXL 001-2022 Silicone paper for food packaging		
Test Requirements	refer to the inside page of the report for details.		
Test Item(s)	A total of 22 items, refer to the inside page of the report for details.		
Description and Condition of Sample(s)	Normal		
Test Date	2024.03.20 To 2024.04.10	Test Location	Detection Base in Xiasha, Hangzhi and Qige
Test Summary	According to the above testing basis, the samples were tested, and the test results of the tested items all met the standard requirements. Test Seal 2024.04.10 Date of Approval		
Remarks	/		

Approved by:

朱世宏

Verified by:

郑宇辉

Composed by:

郑倩等

TEST REPORT

Test Requirements	GB/T451.1-2002 Paper and board--Determination of size and deviation; GB/T 451.2-2002 Paper and board-Determination of grammage; GB/T 1541-2013 Paper and board-Determination of dirt; GB/T 454-2020 Paper--Determination of bursting strength; GB/T 12914-2018 Paper and board--Determination of tensile properties; GB/T 451.3-2002 Paper and board--Determination of thickness; GB/T 462-2008 Paper , board and Pulps--Determination of moisture content; GB/T 27731-2011 Release paper for sanitary products; GB 4806.8-2022 National food safety standard Paper and paper board food contact materials and articles; GB/T 7974-2013Paper,board and pulp--Measurement of diffuse blue relectance factor-D65 brightness(Diff/Geometry,Outdoor daylight conditions)
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Series Number	Test Items		Requirement	Test Results	Item Conclusion	Remarks
1	Grammage (g/m ²)		35±2.00	35.6	Qualified	/
2	Burst index (kPa•m ² /g)		≥2.000	4.80	Qualified	/
3	Tensile index (vertical and horizontal average) (N·m /g)		≥35.0	62.3	Qualified	/
4	Oil permeability		No oil spill	Qualified	Qualified	/
5	Tightness (g/cm ³)		≥0.90	0.99	Qualified	/
6	Water content (%)		5.0~9.0	6.2	Qualified	/
7	Temperature tolerance		Allow to turn yellow, should not be scorched black, fragmentation phenomenon	Qualified	Qualified	/
8	Stripping strength (N/25mm)		≤0.200	0.197	Qualified	/
9	Whiteness (%)		80±4	83.0	Qualified	/
10	Dusty degree (pc / m ²)	0.3mm ² ~2.0mm ²	≤80	0	Qualified	/
		2.0 mm ² ~3.0mm ²	≤10	0		
		>3.0mm ²	Not allowed	0		
11	Appearance requirements		The fiber of the product should be even, the paper clean and no obvious wrinkles, cracks, stripes, there should be no hard block, pulp lumps, stains, mosquitoes and other appearance defects	Qualified	Qualified	/
			The same batch of products should be uniform color, there should be no obvious color difference	Qualified		
			Product end, paper trimming should be neat, clean, non-paper edge into	Qualified		
12	Dimensional deviation (mm)	Width	±3	0	Qualified	/
		Length	±3	0		

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Series Number	Test Items		Requirement	Test Results	Item Conclusion	Remarks
13	Requirement for sense	Sense	Normal color and luster, Odorless, No dirt, etc	Qualified	Qualified	/
		Soak solution	No deterioration with turbidity ,sedimentation and foreign odor in the soak solution obtained in the migration test	Qualified		
14	Plumbum (Pb) (mg/kg)		≤ 3.0	N.D. (DL: 0.02)	Qualified	/
15	Arsenic (As) (mg/kg)		≤ 1.0	N.D. (DL: 0.01)	Qualified	/
16	Formaldehyde (mg/dm ²)		≤ 1.0	<0.06	Qualified	/
17	Fluorescent substance (Wave Length 254nm and 365 nm)	254nm	Negative	Negative	Qualified	/
		365nm	Negative	Negative		
18	Total migration quantity (mg/dm ²)	Isooctane (60℃, 1.5h)	≤ 10	2.6	Qualified	Isooctane instead of greasy food simulators
19	Potassium permanganate consumption (Water, 60℃, 2h) (mg/kg)		≤ 1	<1	Qualified	/
20	1,3-DICHLORO-2-PROPANOL (μ g/L)		No detected	N.D. (DL: 2.0)	Qualified	/
21	3-Chloro-1,2-propanediol (μ g/L)		≤ 12	N.D. (DL: 2.0)	Qualified	/
22	Limits of Microorganism	Coliform group (/50cm ²)	No detected	N.D.	Qualified	/
		Salmonella (/50cm ²)	No detected	N.D.		
		Mucedine (CFU/g)	≤ 50	<10		

TEST REPORT END

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