

Test Report



No: 230054727

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Issue Date: 2023-04-04

Applicant: Suzhou Meson Nonwoven Technology Co., Ltd.

Address: Jinyang west street, Renyang, Zhitang town, Changshu, Suzhou, Jiangsu, China

Information confirmed by applicant:

Flushable spunlace nonwoven

Quantity: 1 roll

Basis of judgement:

GB/T 41244-2022 <Flushable spunlaced nonwoven and finished products>

Date Received/Date Test Started: 2023-03-23

Conclusion:

CD: dry state breaking strength

M

MD: dry state breaking strength

M

CD: wet state breaking strength

M

MD: wet state breaking strength

M

Slosh Box Disintegration Test

M

Toilet and drain-line clearance test

M

Note: "M"-Meet the standard's requirement "F"-Fail to meet the standard's requirement

"---"-No comment

Remark:

This report is the english translation version of the report 230054726.

The decision indicators are derived from the standard required by client (GB/T 41244-2022). Our inspection capacity authorized by CMA covers the inspection items of GB/T 41244-2022.

All the tested items are tested under the standard condition (except for indication).

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The experiment was carried out at No.1, Zhujiang Road, Panyu District, Guangzhou, Guangdong, P.R.China.

Approved By:

LiQin Liu

LiQin Liu Senior Engineer



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CD: dry state breaking strength(N) M
(GB/T 24218.3-2010, The distance between the clamps: 100mm, Rate: 50mm/min)
Requirement
15.5 ≥ 6.0
(M ≥ 50)
(GB/T 41244-2022)

MD: dry state breaking strength(N) M
(GB/T 24218.3-2010, The distance between the clamps: 100mm, Rate: 50mm/min)
Requirement
25.5 ≥ 12.0
(M ≥ 50)
(GB/T 41244-2022)

CD: wet state breaking strength(N) M
(GB/T 24218.3-2010, The distance between the clamps: 100mm, Rate: 50mm/min)
Requirement
3.2 ≥ 2.5
(M ≥ 50)
(GB/T 41244-2022)

MD: wet state breaking strength(N) M
(GB/T 24218.3-2010, The distance between the clamps: 100mm, Rate: 50mm/min)
Requirement
4.0 ≥ 4.0
(M ≥ 50)
(GB/T 41244-2022)



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GB/T 40181-2021 - Sloss Box Disintegration Test

1. Test System

Oscillating table, 26 rpm, 3 boxes

Sieve: 12.5 mm perforated plate sieve

2. Test condition and samples

Rectangular box containing 2L of tap water

Water temperature: 22.2 °C

Test time: 10 minutes

Number of tested samples: 6

Starting mass: 1.848 g (dry)

Drying procedure: 4h at 103 °C

3. Result

Sample No.	1	2	3	4	5	6
Retained Dry Mass (g)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Disintegration (%)	100.0	100.0	100.0	100.0	100.0	100.0

The number of samples whose dry mass through a 12.5mm perforated sieve exceeds 90% of the dry mass of the original sample after the wet towel product is shaken for 10min:

6

4. Pass/Fail Criteria (*):

For dry wipes or non-finished product samples, the decomposition percentage of at least 5 samples should be greater than 90%.	Pass
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(*) <Flushable spunlaced nonwoven and finished products>



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GB/T 40181-2021 - Toilet and drain-line clearance test

1. Test System

Toilet type: Kohler Cimarron 6L

Pipe diameter: 100mm

Pipe slope: 2%

Total length: 21m

2. Test condition and materials

Dog food based simulated fecal material (SFM): 3 pieces of 52.3g

Toilet tissue (TT): 3.0g (dry)

Tested sample: 1.848g (dry)

Drying procedure: 4h at 103°C

3. Flush Sequence

Flush volume: 6.0L Start: 6.0L End: 6.0L

Flush 1: 1 TT + 2 Samples

Flush 2: empty flush

Flush 3: 1 TT + 2 Samples

Flush 4: empty flush

Flush 5: 3 SFM + 2 TT + 2 Samples

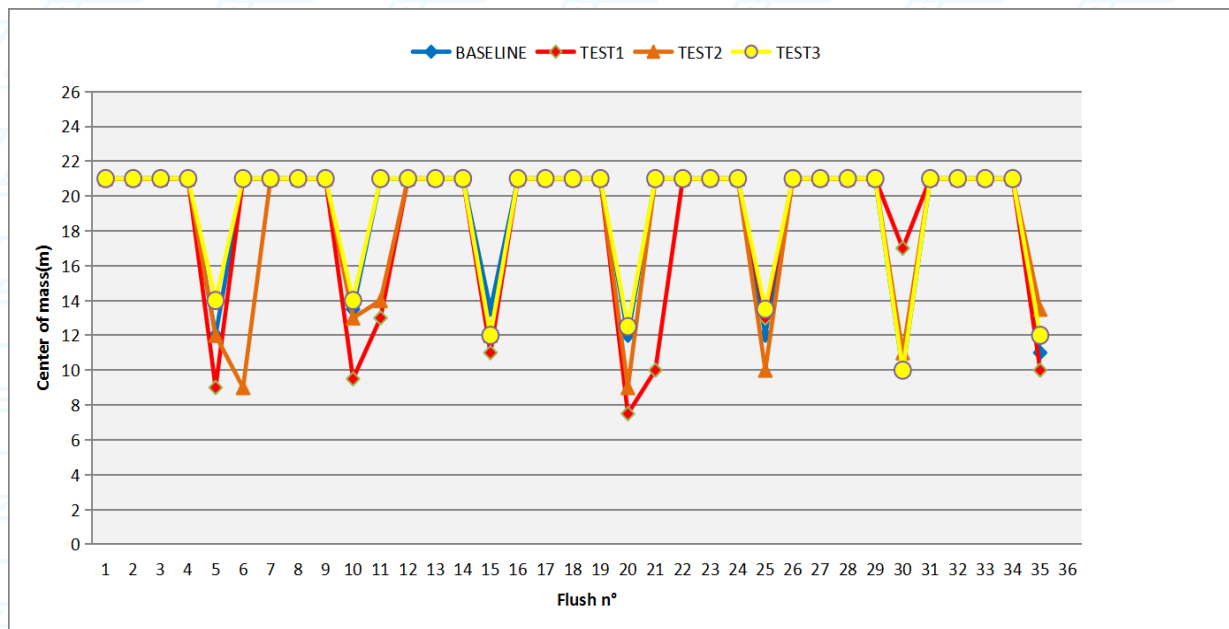
} repeated 7 times (35 flushes)



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4. Result



Flushes containing product associated with clogs: 0

5. Pass/Fail Criteria (*):

No more than one of the flushes containing product should be associated with clogs that require use of a plunger to clear product and excess water from the bowl and trap.	Pass
The travel distance of the centre of mass of the flushed material in the drain-line does not consistently decrease over the course of 5 consecutive flushes.	Pass

(*) <Flushable spunlaced nonwoven and finished products>

—End of Report—



Note

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