

NINGBO DAFA NEW MATERIALS CO.,LTD.  
NO. 266, BINHAI 2ND ROAD, HANGZHOU BAY DEVELOPMENT ZONE, NINGBO

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A)Filling (15Dx32mm-FR white Recycle polyester staple fibre)

Sample Color : (A)white

Composition : (A)R-PET

End Use : (A)filling

Style No. : 15Dx32mm-FR

Manufacturer : NINGBO DAFA NEW MATERIALS CO.,LTD.

Country of Origin : China

Other Info. : 3D/7Dx51mm/64mm-FR All production process of the fiber are same

Sample Receiving Date : Jun 03, 2024

Testing Period : Jun 06, 2024 - Jun 18, 2024

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

Conclusion	A	Remark
The Furniture and Furnishings (Fire) (Safety) Regulations 1988	See Results	

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Hangzhou Branch

jack-yl\_zhang(Account Executive)



Test Result

**The UK Regulations: Flammability Test for Furniture and Furnishings**

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (Amended in 1989, 1993 and 2010); Schedule 2 Part I, Ignitability test for non-foam filling materials singly; Butane flame test (Ignition source 2) as specified in BS 5852: Part 2:1982

**Pretreatment**

Conditioning Procedure: Conditioned 72 h in indoor ambient conditions and 16 h in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%.

**Test results**

The following test results relate only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

Test No.	1 <sup>st</sup>	2 <sup>nd</sup>	
<b>Smouldering criteria (BS 5852: Part 2:1982)</b>			
4.1 a) Any composite that produces externally detectable amounts of smoke, heat or glowing 30 min after the removal of the burner tube;	NO	NO	
4.1 c) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and requires forcible extinction;	NO	NO	
4.1 d) Any composite that smoulders until it is essentially consumed within the test duration relevant to the source.	NO	NO	
<b>Flaming criteria (BS 5852: Part 2:1982)</b>			
4.2 a) Any composite that continues to flame for more than 120s after the removal of the burner tube;	NO	NO	
4.2 d) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and forcible extinction is required;	NO	NO	
4.2 e) Any composite that burns until it is essentially consumed within the test duration relevant to the source.	NO	NO	
<b>Record</b>			
Duration of (min, s)	Ignition source (40±1s)	40s	40s
	Flames (after removal of burner tube)	5s	23s
	Smoke (after removal of burner tube)	39s	1min05s
Final examination of progressive smouldering (Clause 9.4 of BS 5852: Part 2:1982)	NO	NO	
Reason for failure (Ref to failure code)	NA	NA	
Overall result	PASS	PASS	

Remark: NA—Not Applicable; NC—Not Conduct; #—Forcibly extinguished



**Conclusion**

The tested sample **Meets** the Requirements of Schedule 2 Part I in Statutory Instrument 1988 No. 1324 (Amended 1989, 1993 and 2010) the Furniture and Furnishings (Fire) (Safety) Regulations.

**Details of sample**

Sample description	White filling
Package density as claimed by the client(kg/ m3)	35.0 kg/ m3
Packing mass of horizontal component (kg) (Volume: 0.0101 m3)	0.354 kg
Packing mass of vertical component (kg) (Volume: 0.0152 m3)	0.532 kg

Note: Photo Appendix is attached

**Tested Sample Photo**



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### Sample Photo



Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

\*\*\*End of Report\*\*\*

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Hangzhou Branch Textile Laboratory.

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