

Test Report

Number: GZHH00514521

Applicant: FOSHAN HONGYANG PLASTIC CO., LTD
XINGDA ROAD 3, SHISHAN SCIENCE AND
TECHNOLOGY INDUSTRIAL PARK A, SHISHAN
TOWN, NANHAI DISTRICT, FOSHAN CITY,
GUANGDONG PROVINCE, CHINA

Date: Nov 02, 2023

Attn: ANGEL

Sample Description:

One (1) submitted sample said to be **UKFR - vinyl black** :
Item No. : 14993BLK4EU/COSCO PREMIUM VINYL PADDED METAL FOLDING CHAIR
4PK BLK UK
Applicant Specified Age : Adult
Grading for Testing :
Manufacturer : Foshan Hongyang Plastic Co.,Ltd
Country of Destination : UK
Country of Origin : China
Date Sample Received : Oct 31, 2023
Testing Period : Oct 31, 2023 to Nov 02, 2023



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued



Test Report

Number: GZHH00514521

Conclusion:

Tested Sample
Submitted sample

Standard
Schedule 4 Part I of Furniture and Furnishings (Fire)
(Safety) Regulations 1988 With Amendments In 1989,
1993 and 2010 of United Kingdom

Result
Pass

Schedule 5 Part I of Furniture and Furnishings (Fire)
(Safety) Regulations 1988 With Amendments In 1989,
1993 and 2010 of United Kingdom

Pass

Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines



Victor T.J. Wang
Assistant General Manager



Test Report

Number: GZHH00514521

Tests Conducted

1 Methods of test for the ignitability by smokers' materials of upholstered composites for seating

With reference to Schedule 4 Part I of Furniture and Furnishings (Fire) (Safety) Regulations 1988 With Amendments In 1989, 1993 and 2010 of United Kingdom BS 5852 Part 1: 1979 Methods of test for the ignitability by smokers' materials of upholstered composites for seating (ignition sources 0)

General Information:

Cover Materials / Color	Fabric / Black	Weight	501.8 g/m ²
Soaking Condition	BS5651		
Precondition	Indoor Ambient Condition	72 h	
Conditioning of Test Specimen and Ignition Source(s)	(23±2) °C	R.H. (50±5) %	24 h
Testing Enclosure (fume cupboard /room)	25°C	R.H.: 50%	---

Requirement: 1. Atmosphere for conditioning: (20±5) °C; R.H. (50±20) %; duration: at least 16h.
2. Atmosphere for testing: 15°C~30°C; R.H. 20%~70%.

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.

Smoldering Cigarette Test (ignition source 0)

Criteria	1 st test	2 nd test
① Whether the evidence of progressive smoldering or flaming is observed in the interior and/or cover	NO	NO
② Whether progressive smoldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
③ Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	N/A	NO



Test Report

Number: GZHH00514521

Tests Conducted

Test Details:

Test	Ignition Source	Time to extinction after placement of the cigarette			Comments and Observation
		Progressive Smouldering Time(second)	Flame Ceased Time(second)	Smoking Ceased Time	
1 st	0	0	0	13min15s	#2
2 nd		0	0	13min22s	#2

Sub-Conclusion: PASS

Remark: N/A--Not Applicable; N/C--Not Conduct;

#1—Pass, cigarette fails to smoulder its complete length;

#2—Pass, cigarette passes to smoulder its complete length, but the sample was not ignition;

#3—Pass, flaming but self-extinguishment;

#4—Fail, extinguished by operator, escalating flaming combustion;

#5—The first test failed, so retest was not conducted.

2 Methods of test for the ignitability by smokers' materials of upholstered composites for seating

With reference to Schedule 5 Part I of Furniture and Furnishings (Fire) (Safety) Regulations 1988 With Amendments In 1989, 1993 and 2010 of United Kingdom based on BS 5852 Part 1: 1979 Methods of test for the ignitability by smokers' materials of upholstered composites for seating (ignition source 1)

General Information:

Cover Materials / Color	Fabric / Black	Weight	501.8 g/m ²
Soaking Condition	BS5651		
Precondition	Indoor Ambient Condition	72 h	
Conditioning of Test Specimen and Ignition Source(s)	(23±2) °C	R.H. (50±5) %	24 h
Testing Enclosure (fume cupboard /room)	25°C	R.H.: 50%	---

Requirement: 1. Atmosphere for conditioning: (20±5) °C; R.H. (50±20) %; duration: at least 16h.
2. Atmosphere for testing: 15°C~30°C; R.H. 20%~70%.



Test Report

Number: GZHH00514521

Tests Conducted

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.

Butane Flame Test (ignition source 1)

Criteria	1 st test	2 nd test
① Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube	NO	NO
② Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	N/A	NO

Test Details:

The filling material for Schedule 5 Part I was non-fire retardant polyurethane foam corresponding to the specification set out in BS 3379 Type B Hardness grade 130 and of a density of 20-22 kg per m³.

Test	Ignition Source	Ignition Time	Time to Extinction after Removal of the Burner		Rating, comments and observation
			Flame Ceased Time	Smoking Ceased Time	
1 st	1	(20±1) s	15s	27s	#2
2 nd			16s	28s	#2



Test Report

Number: GZHH00514521

Tests Conducted

Sub-Conclusion: PASS

Remark: N/A--Not Applicable; N/C--Not Conduct;

- #1—Pass, the sample was not ignited after removal of the burner;
- #2—Pass, flaming but self-extinguishment;
- #3—Fail, extinguished by operator, escalating flaming combustion;
- #4—The first test failed, so retest was not conducted.

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Shenzhen Limited, Guangzhou Branch. The testing data and result issued by this report are just for scientific research, teaching, internal quality control, product research and development etc. on reference only in the territory of the People's Republic of China.

