



中国认可
国际互认
检测
TESTING
CNAS L1744

ANHUI YANGZI FLOORING INCORPORATED COMPANY

Technical Report: (8822)108-0172
Date Received: Apr 18, 2022

May 6, 2022
Page 1 of 5

ANHUI YANGZI FLOORING INCORPORATED COMPANY
NO.98 WEST GARDEN ROAD, CHUZHOU, ANHUI, CHINA

Sample Description:	XPF (EXTREME PERFORMANCE FLOORING)		
Vendor:	N/A	Sample Size:	2
Manufacturer:	ANHUI YANGZI FLOORING INCORPORATED COMPANY	Style No(s):	NOT PROVIDE
Labeled Age Grade:	NOT RECORD	SKN/SKU No.:	NOT PROVIDE
Appropriate Age Grade:	NOT REQUESTED	PO No.:	NOT PROVIDE
Client Specified Age Grade:	NOT SPECIFIED	Ref #:	NOT PROVIDE
Grade:			
Tested Age Grade:	N/A	Country of Origin:	NOT PROVIDE
UPC Code:	N/A	Assortment No.:	NOT PROVIDE
Test Starting Date:	APR 18, 2022	Test Finished Date:	MAY 6, 2022

EXECUTIVE SUMMARY:

Test Requested	Conclusion
Migration of Certain Elements in Category III - Scraped off toy material requirements of the European Standard, "Safety of toys", EN 71-3:2019+A1:2021.	PASS

RT/Daisy Cai

REMARK

If there are questions or concerns on this report, please contact the following persons:

Report Enquiry: (86) 0769 89952999 Ext. 8175 CPSAnalytical.DG@bureauveritas.com

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ANHUI YANGZI FLOORING INCORPORATED COMPANY

Technical Report: **(8822)108-0172**

May 6, 2022

Page 2 of 5

Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Transparent coating	Surface	-
I002	Red/white/grey polymer	Extreme performance flooring	-

DRAFT



RESULTS:

Migration of Certain Elements, EN 71-3:2019+A1:2021

Test Method: European Standard EN 71-3:2019+A1:2021 Section 8.

Class: Category III - Scraped off toy material

Analyte	Requirement (mg/kg)	Result (mg/kg)				
		Test Item(s)				
	Category III	I001	I002	-	-	-
Aluminium (Al)	28130	200	550	-	-	-
Arsenic (As)	47	ND	ND	-	-	-
Boron (B)	15000	8	120	-	-	-
Barium (Ba)	18750	35	89	-	-	-
Cadmium (Cd)	17	ND	ND	-	-	-
Cobalt (Co)	130	ND	ND	-	-	-
Chromium III (Cr III)	460	1.19	0.66	-	-	-
Chromium VI (Cr VI)	0.053	ND#	ND#	-	-	-
Copper (Cu)	7700	11	410	-	-	-
Mercury (Hg)	94	ND	ND	-	-	-
Manganese (Mn)	15000	6	4	-	-	-
Nickel (Ni)	930	ND	ND	-	-	-
Lead (Pb)	23	9	7	-	-	-
Antimony (Sb)	560	ND	ND	-	-	-
Selenium (Se)	460	ND	ND	-	-	-
Tin (Sn)	180000	ND	18	-	-	-
Organic tin	12	ND	ND#	-	-	-
Strontium (Sr)	56000	5	15	-	-	-
Zinc (Zn)	46000	13	5	-	-	-
Mass of trace amount (gram)		0.0470	-	-	-	-
Conclusion		PASS	PASS	-	-	-



ANHUI YANGZI FLOORING INCORPORATED COMPANY
Technical Report: **(8822)108-0172**

May 6, 2022

Page 4 of 5

RESULTS:

mg/kg = milligrams per kilogram (ppm=parts per million)

Organic tin = migration of total organic tin is expressed as tributyltin cation content in mg/kg

= Verified results (see note)

ND = Not detected

Detection Limit (mg/kg) :

For Type III - Al : 2 ; Sb : 2 ; As : 2 ; Ba : 2 ; B : 2 ; Cd : 2 ; Cr III : 0.15 ; Cr VI : 0.025 ; Co : 2 ; Cu : 2 ; Pb : 2 ; Mn : 2 ;
Hg : 2 ; Ni : 2 ; Se : 2 ; Sr : 2 ; Sn : 2 ; Organic tin : 2 ; Zn : 2

Remark:

- Results of Cr III and Cr VI were reported as sum of soluble Chromium content unless specified.
- Result(s) of organic tin was (were) calculated while assuming the tin content wholly contributed from tributyltin cation unless specified.
- The pH measured shall be reported after migration if it was outside the range of 1.1 to 1.3.

Note:

If soluble chromium content or soluble tin content exceeded the screening limits of soluble chromium (VI) or organic tin content, the results were verified by below method

- Chromium VI: EN 71-3:2019+A1:2021, Annex F by Ion-chromatography with ICP-MS detector analysis.
- Organic tin: EN 71-3:2019+A1:2021, Annex G by Gas Chromatography-Mass Spectroscopy analysis.



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Technical Report: **(8822)108-0172**

May 6, 2022

Page 5 of 5

RESULTS:



END OF REPORT