

TÜV Rheinland LGA Products GmbH · Am Grauen Stein 29 · 51105 Cologne
PAGED LabTech Sp. z o.o.
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23.05.2022

Report No. 0001114871/10 AZ 568588
Test item: One sample of Hardwood plywood
Identification: Paged GreenPly
Details see on the following page
Condition at delivery: No claim
Date of delivery: 12.05.2022
Place of testing: Cologne, Nuremberg
Test period: 17.05.2022 to 23.05.2022
Test scope: Parameters selected by customer
Test specification: IKEA IOS-MAT-0054 Vers. AA-92520-13 dated 2022-03-28

tested by:

authorized by:

23.05.2022

X 

Sachverständige(r)/Expert
Signiert von: Meike Schmidt

23.05.2022

X 

Sachverständige(r)/Expert
Signiert von: Ralf Meier

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Supplier name	Paged Labtech sp. z o.o.
Address	ul. Kwiatowa 1
VAT No.	849 159 28 81
Contact person	Mateusz Sasin
E-Mail address	mateusz.sasin@paged.pl

IKEA Supplier number:	22117 (Paged)
Article name:	Paged GreenPly
Article No.:	WGSKLIS-1794
Date stamp (or production date)	12.04.2022
What component of the article has to be tested:	Hardwood plywood "Paged GreenPly", manufactured by Paged Pisz sp. z o.o.
Which other articles are covered by the same test?	-
Used coating line:	-
Date of sampling	28.04.2022

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	Layer 4
Surface coating/covering <i>producer:</i>				
Surface coating/covering <i>type name:</i>				
Surface coating/covering <i>identification code:</i>				
Surface coating/covering <i>batch name:</i>				

How and where was the sample taken (e.g. "from the final package on YYYY-MM-DD")	Sample was taken from a production batch on 2022-04-12 and stored in a conditioning room at 20°C/65%rh.
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Photo documentation

Picture 1: Paged GreenPly



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List of materials

Article	Articlename:
1	Paged GreenPly

Mat. No.	Article	Component	Material	Colour
001	1	Cross section base material	plywood	natural

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Results

EN 71-3, Migration of certain elements, category 3

Sample composition	Mat. 001			
Sample No.	568588-001			
Unit	mg/kg			
Migratable elements, material testing				
Dewaxing	n			
Aluminium	<100			
Antimony	<5			
Arsenic	<1			
Barium	<100			
Boron	<10			
Cadmium	<0,1			
Chromium, total	<0,05			
Chromium (III)	<0,05			
Chromium(VI)	<0,05			
Cobalt	<1			
Copper	<10			
Lead	<1			
Manganese	<100			
Mercury	<1			
Nickel	<10			
Selenium	<5			
Strontium	<100			
Tin*	<3			
Zinc	<100			

n no

Maximum values according to the toy safety-directive 2009/48/EC:

Category 3: Scraped off toy material:

aluminium 28130 mg/kg, antimony 560 mg/kg, arsenic 47 mg/kg, barium 18.750 mg/kg, boron 15.000 mg/kg, cadmium 17 mg/kg, chromium(III) 460 mg/kg, chromium(VI) 0.053 mg/kg, cobalt 130 mg/kg, copper 7.700 mg/kg, lead 23 mg/kg, manganese 15.000 mg/kg, mercury 94 mg/kg, nickel 930 mg/kg, selenium 460 mg/kg, strontium 56.000 mg/kg, tin 180.000 mg/kg, zinc 46.000 mg/kg

*Tin: If the migration of tin is less than the reporting limit the compliance with the limit value of 12 mg/kg can be confirmed. The determination of tin organic compounds is not required in regards to metals.

Migration of certain elements

Sample composition	Mat. 001			
Sample No.	568588-002			
Unit	mg/kg			
Soluble heavy metals				
Antimony	<5			
Arsenic	<1			
Barium	<100			
Cadmium	<0,1			
Chromium	<1			
Lead	<1			
Mercury	<1			
Selenium	<5			

Results refer to the analysis results of EN 71-3 and are reported under consideration of an analytical correction factor given by 4.2 of the method.

Analytical correction according to ISO 8124-3: Antimony 60 %, Arsenic 60 % , Barium 30 %, Cadmium 30 %, Chromium 30 %, Lead 30%, Mercury 50 %, Selenium 60 %.

Maxim acceptable migration value according to ISO 8124-3: Antimony 60 mg/kg, Arsenic 25 mg/kg, Barium 1.000 mg/kg, Cadmium 75 mg/kg, Chromium 60 mg/kg, Lead 90 mg/kg, Mercury 60 mg/kg, Selenium 500 mg/kg.

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Summary of methods

EN 71-3, Migration of certain elements, category 3	Standard: EN 71-3:2019+A1:2021	Issue date: 01.04.21
Method description: Safety of toys - Part 3: Migration of certain elements and chromium(VI) from toy materials of category III - Analysis of the elements by ICP-MS and chromium(VI) by ion chromatography		
Notes: Hint: Toys that have been tested according to and comply with EN 71-3:2019+A1:2021 also meet the requirements of BS EN 71-3:2019		

Migration of certain elements	Standard: ISO 8124-3	Issue date: 01.03.20
Method description: Safety of toys - Part 3: Migration of certain elements, including information according to part 4.2 adjusted analysis result		

Version directory

Version No.	Report No.	List of changes	Date
1	0001114871/10 AZ 568588	First edition	2022-05-23

Only the version last shown in the version directory is valid. The previous version(s) shown in the table lose their validity immediately and must be returned or destroyed by the customer.

----End of report----