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18.11.2022

Report No. 0001127294/10 AZ 587282

Test item: PET panel

Identification: Material Producer: Mila Sp. z.o.o.
Material Description: Acoustic PET panel, black, 12mm
Material Identification: L-IC00-2400-B40
Batch No.: 7.11.2022
Date stamp: 7.11.2022

Condition at delivery: No claim

Date of delivery: 10.11.2022

Place of testing: Cologne

Test period: 11.11.2022 to 18.11.2022

Test scope: Parameters selected by customer

Test specification: IKEA IOS-MAT-0010 Vers. AA-10911-16 dated 2022-01-10

Test result: According to the kind and extent of tests performed the test item meets the requirements of the test specification.

tested by: 18.11.2022 authorized by: 18.11.2022

X 

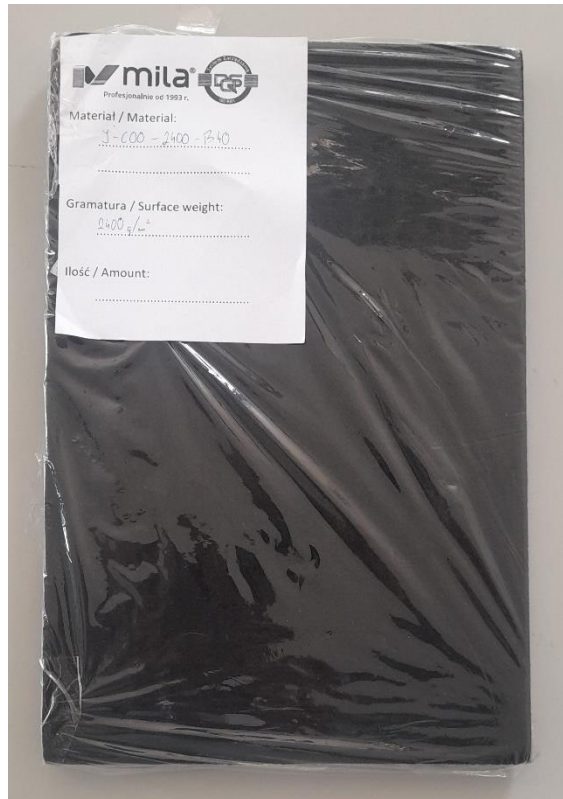
Sachverständige(r)/Expert
Signiert von: Petra Van Dyck

X 

Sachverständige(r)/Expert
Signiert von: Margot Thiel

Photo documentation

Picture 1: Acoustic PET panel, black, 12mm



Results

Volatile organic compounds, tenax-method

loading:	1,0	m ² /m ³	
exchange of air:	1,0	/h	
temperature:	23	°C	
relative humidity:	50	%	
sampling:		nach ISO 16000-6/-9	
start of sampling in chamber	48	h	

Sample No.	Info		587282
Sample Name			001) Art. 1
	CMR 1A/B Einstufung nach GHS ¹⁾	CAS Nr.	µg/m ³
VVOC (<C6)			<10
VOC acc. ISO 16000-6 (C6-C16)			<10
SVOC (>C16)			<10
TVOC (as toluene-equivalent acc. to ISO 16000-6)			<50
TVOC (VVOC, VOC and SVOC) of chlorinated substances			<50

limit of quantification:

calibrated substances 1 µg/m³ substance specific

*not calibrated substances 5 µg/m³ quantified as the toluene equivalent, semi quantitative

** most likely library proposal, quantified as toluene equivalent

***value out of calibrated range, semi quantitative

RT: retention time

1)Classification according to Part 3 of Annex VI of (EC) No 1272/2008 incl. amendments, for the purposes of its adaptation to technical and scientific progress (ATP)

Determination of Product Emission – IOS-MAT 0010-V16

Emission Test Results (Article 1)

Determination made 48h after unpacking
Volatile Organic Compounds (VOCs) ¹

Absence of CMR substances – 1A and 1B

Each individual $\leq 10 \mu\text{g}/\text{m}^3$

Total sum $\leq 50 \mu\text{g}/\text{m}^3$

Yes

☒
☒
☒

No

☐

Absence of toxic substances (not CMR 1a + 1b)

Acute toxic cat 1-3, STOT SE, STOT RE

Each individual $< 30 \mu\text{g}/\text{m}^3$

Yes

☒
☒

No

☐

Emission of Total VOCs C6-C16

TVOC requirement [$< 1200 \mu\text{g}/\text{m}^3$ (48h)] fulfilled?

Yes

☒

No

☐

$< 600 \mu\text{g}/\text{m}^3$ 28 days fulfilled

Additional requirements for textiles

DMAC, DMFO, EGEE

Each individual $\leq 10 \mu\text{g}/\text{m}^3$

Yes

☒
☒

No

☐

Each individual $\leq 10 \mu\text{g}/\text{m}^3$

Sum of chlorinated compounds

$\leq 20 \mu\text{g}/\text{m}^3$

Yes

☒
☒

No

☐

n-hexane $\leq 30 \mu\text{g}/\text{m}^3$

Yes

☒

No

☐

Odour: grade 2

Method: test of odour in testing chamber

1 = odourless

2 = weak odour

3 = tolerable odour

4 = annoying odour

5 = intolerable odour

Summary of methods

Volatile organic compounds, tenax-method	Standard: DIN ISO 16000-6	Issue date: 01.03.22
Method description: Indoor air - Part 6: Determination of organic compounds (VVOC, VOC, SVOC) in indoor and test chamber air by active sampling on sorbent tubes, thermal desorption and gas chromatography-MS or MS FID		

Version directory

Version No.	Report No.	List of changes	Date
1	0001127294/10 AZ 587282	First edition	2022-11-18

Only the version last shown in the version directory is valid. The previous version(s) shown in the table lose their validity immediately. The customer has to make sure that the previous versions are no longer taken into account.

----End of report----