DEKRA

DEKRA Automobil GmbH Handwerkstr. 15 D-70565 Stuttgart

Hahn Kunststoffe GmbH
Mr. Florian Görgen
Gebäude 1027
55483 Hahn-Flughafen

DEKRA Automobil GmbH
Laboratory for Environmental and Product Analysis
Handwerkstr. 15
70565 Stuttgart
Phone +49.711.7861-3536
Fax +49.711.7861-3534

Contact:
Dr. Magdalena Krause
Phone +49.711.7861-3542
E-Mail magdalena.krause@dekra.com
Date 08.02.2017

Test Report No.: 55255348 EN

Version 1

Client:	Hahn Kunststoffe GmbH Mr. Florian Görgen Gebäude 1027 55483 Hahn-Flughafen
Date of order:	Dec 27, 2016
Sample received:	Jan 9, 2017
Number of samples:	1 sample
Sample designation:	Bench board / palisade of hanit
Scope of investigation:	PAH according to AfPS GS 2014:01 AOX and PCB in eluate
Testing period:	09.01.2017 - 08.02.2017

Test result:

- see following pages -

DAkkS-accredited Analytical Laboratory D-PL-11060-03-00 in Stuttgart and Halle.
CPSC Identification Number for DEKRA Automobil Laboratory Services: 1236

Sample no:	55255348001			
Sample designation:	Bench board / palisade of hanit			
Sample description:	Recycling plastic light brown			
Parameter	**Unit**	**Result**	**LQ**	**Test method**
PAH from materials according to AfPS				
Benzo(a)pyrene	mg/kg	< 0.2	0.5* / 1**	AfPS GS 2014:01 PAK / QMA 2001.1284
Benzo(e)pyrene	mg/kg	< 0.2	0.5* / 1**	
Benzo(a)anthracene	mg/kg	< 0.2	0.5* / 1**	
Benzo(b)fluoranthene	mg/kg	< 0.2	0.5* / 1**	
Benzo(j)fluoranthene	mg/kg	< 0.2	0.5* / 1**	
Benzo(k)fluoranthene	mg/kg	< 0.2	0.5* / 1**	
Chrysene	mg/kg	< 0.2	0.5* / 1**	
Dibenzo(a,h)anthracene	mg/kg	< 0.2	0.5* / 1**	
Benzo(g,h,i)perylene	mg/kg	< 0.2	0.5*	
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.2	0.5*	
Acenaphthylene	mg/kg	< 0.2	10*	
Acenaphthene	mg/kg	< 0.2		
Fluorene	mg/kg	< 0.2		
Phenanthrene	mg/kg	0.2		
Anthracene	mg/kg	< 0.2		
Fluoranthene	mg/kg	< 0.2		
Pyrene	mg/kg	< 0.2		
Naphthalene	mg/kg	0.3	2*	
Sum of 18 PAH	mg/kg	0.5	10*	
* Limits for products according to AfPS GS 2014:01 for materials category 2 (materials with foreseeable skin contact for longer than 30 seconds or repeated short-term skin contact). ** Limits for plastic and rubber parts of products according to REACH VO (EC) 1907/2006, Anhang XVII (VO No 1272/2013).				
PCB in eluate				
PCB 28	µg/L	< 0.01	-	EN ISO 6468
PCB 52	µg/L	< 0.01	-	
PCB 101	µg/L	< 0.01	-	

LQ: Limit of quantification

Worked out: DEKRA Automobil GmbH – Handwerkstr. 15 – 70565 Stuttgart
Person in charge: Dr. Magdalena Krause Phone +49.711.7861-3542

PCB 138	µg/L	< 0.01	-	EN ISO 6468
PCB 153	µg/L	< 0.01	-	
PCB 180	µg/L	< 0.01	-	
Sum of PCB	µg/L	< 0.01	-	
Sum of PCB acc. to LAGA	µg/L	< 0.05	0.05	
AOX in eluate				
AOX	mg/L	0.045	-	DIN EN ISO 9562

Sample 55255348001: Bench board / palisade of hanit.

Results:

Polycyclic aromatic hydrocarbons, with a sum concentration of 0.5 mg/kg, were detected in the plastic sample. The sample is therefor within the limits for products according to REACH VO (EC) 1907/2006, annex XVII and according to AfPS GS 2014:01 (all categories of materials – category 1, 2 and 3).

Polychlorinated biphenyls (PCB) were not detected in the eluate. The sample does comply with the limit of 0.05 µg/L for the sum of PCB according to The Federal Soil Protection and Contaminated Sites Ordinance (BBodSchV).

AOX, with a concentration of 0.045 mg/L, were detected in the eluate. There are no given limits for this parameter (AOX) according to LAGA and the BBodSchV.

LQ: Limit of quantification

Worked out: DEKRA Automobil GmbH – Handwerkstr. 15 – 70565 Stuttgart
Person in charge: Dr. Magdalena Krause Phone +49.711.7861-3542

Hints:
The test results refer exclusively to the samples specified. A reproduction in excerpts of the test report must not be made without the written consent of the test laboratory. Chemical and material blanks are taken into account when determining the results. Samples will be stored for max. 6 months (for exceptions and specific storage times see QMH).

Stuttgart, 08.02.2017

DEKRA Automobil GmbH
Laboratory for Environmental and Product Analysis

Dr. Magdalena Krause
Project manager

LQ: Limit of quantification

Worked out: DEKRA Automobil GmbH – Handwerkstr. 15 – 70565 Stuttgart
Person in charge: Dr. Magdalena Krause Phone +49.711.7861-3542