



TÜV Rheinland LGA Products GmbH · 51101 Cologne

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07.10.2010

Report No. AZ 75527

Test item: One sample of foam

Identification: 1) VAPENT T3545, Article-name: Poang ach, lounge and ftst, Supplier: Vapeks,
Supplier No.: 18861

Condition at delivery No claim

Date of delivery: 30.09.2010

Place of testing: Cologne

Test period: 30.09.2010 to 07.10.2010

Test scope Parameters selected by customer

Test specification IKEA IOS-MAT-0010 Vers. AA-10911-9 dated 2009-10-09

Test result Pass - According to the kind and extent of tests performed the test item meets
the test specification

Cologne, 07.10.2010

i.A.

Dipl.-Wirtsch.-Ing. Sandra Schöneich

(Reviewing Expert)

i.A.

Petra Van Dyck

(Expert)

The test results exclusively refer to the samples examined.

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Test Report-No.: AZ75527
Date: 07.10.2010

1. Results

Organotin compounds

Sample No.	75527-1		
Sample composition	VAPENT T3545, Supplier: Vapeks, Supplier No.: 18861		
Unit	mg/kg		
Organotin compounds			
Monobutyltin, MBT	0,006		
Dibutyltin, DBT	<0,005		
Tributyltin, TBT	<0,005		
Tetrabutyltin, TeBT	<0,005		
Monooctyltin, MOT	<0,005		
Diocetyl tin, DOT	<0,005		
Tricyclohexyltin, TcyT	<0,005		
Triphenyltin, TPHT	<0,005		

Plasticizer

Sample No.	75527-1		
Sample composition	VAPENT T3545, Supplier: Vapeks, Supplier No.: 18861		
Unit	mg/kg		
Phthalates			
Bis-(2-ethylhexyl)phthalate, DEHP	<15		
Dibutylphthalate, DBP	<15		
Benzylbutylphthalate, BBP	<15		
Diisononylphthalate, DINP	<15		
Diisodecylphthalate, DIDP	<15		
Di-n-octylphthalate, DNOP	<15		
Diisobutylphthalate, DIBP	<15		

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TDA and MDA

Sample No.	75527-1		
Sample composition	VAPENT T3545, Supplier: Vapeks, Supplier No.: 18861		
Unit	mg/kg		
2,4-Toluylendiamine	<1		
4,4'-Diaminodiphenylmethane	<1		

----End of results----

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2. Summary of methods

Organotin compounds		
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Method description:
In-house method - Determination of organotin compounds after extraction with methanolic solvent and derivatisation.
Quantification by GC-MS

Notes:
Quantification equates the DIN EN ISO 17353.

Plasticizer		
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Method description:
In-house method - Determination of selected phthalates after solvent extraction, quantification by GC-MS

Notes:
Quantification equates the DIN EN ISO 18856.

TDA and MDA		
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Method description:
Determination of TDA and MDA according to: Europur protocol for residual TDA in flexible PU-foam - Determination of residual TDA in flexible PU-foam