



Test Report

Test Report No.:28269669

Test Type : Verifying Test
Issue Date : 19/03/25(DD/MM/YY)
Date(s) of testing : 12/03/25 to 19/03/25
Sample Receive Date : 12/03/25

Client Information:

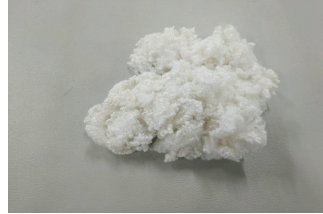
Supplier No. : S3708
Client Company Name : Ningbo Dafa New Material CO.,LTD
Contact Address : No.266, Binhai 2nd Road, Hangzhou Bay Development Zone, 315336
Ningbo, Zhejiang, China.
Client Contact Person : Xing Xiquan
IKEA Contacts Person : michael.ping

The following information is provided by the applicant and who is responsible for its authenticity:

Article No. : /
Article Name : /
Article Production Date : /
Material Producer : Ningbo Dafa New Material CO.,LTD
Material Description : Recycle polyester fiber, Hollow conjugated, Slick
Material Batch Number/Production Date : 20250308
Identification Code : 7D(7.8dtex)*64mm
End Uses Type : /
End Uses : /
Fibre Content : 100% Polyester
Construction : Hollow conjugated
Treatment : non-FR Treated
How and where the sample was taken : The sample is random taken from Ningbo Dafa New Material
Care Label : /
Sample Description : Recycle polyester fiber, Hollow conjugated, Slick
Additional Information : This test report also applies to Ningbo Dafa Chemical Fiber Co., LTD

Layer Information:

Information By Lab : /



Test Item:	Rating
1. Cadmium(Cd) Content acc. to IOS-MAT-0010	Pass
2. Alkylphenol ethoxylates (APEO) and Alkylphenols(AP) in Textile acc. to IOS-MAT-0010	Pass
3. Phthalates acc. to IOS-MAT-0054	Pass
4. Polycyclic Aromatic Hydrocarbons (PAH) in Textiles acc. to IOS-MAT-0054	Pass
5. Polycyclic Aromatic Hydrocarbons (PAH) in Textiles acc. to IOS-MAT-0195	Pass
6. Formaldehyde content in textile, ISO14184-1,IOS-MAT-0010	/
7. Formaldehyde content in textile, ISO14184-1,IOS-MAT-0054	Pass
8. Formaldehyde ISO 14184-1,IOS-MAT-0195	Pass
9. Fibre content analysis	/

Remark:

"Inconclusive": combined with the expanded uncertainty, unable to rate the result due to the result both in and out of the limit.
"/": unable to rate the result due to no limit offered or test result is N.A. / N.T. /N.R.*.
*For further details, pls refer to the following page(s).

Lars Wretman
ITCS Managing Director

Jenny Liu
Lab Technical Manager
Approved Signatory

Fay Wang
Lab Manager
Approved Signatory

The test results exclusively relate to the samples under test sent by customer.
The test report shall not be reproduced except in full, without the written approval of our laboratory.
The test report is not to prove to the society, as well as import & export commodity inspection in China.





1. Determination of Cadmium (Cd) Content

(A) Test Result Summary (for IKEA Specification IOS-MAT-0010: AA-10911-16)

Testing Item	Result, mg/kg	IKEA Limit, mg/kg
Cd	< 5	40

Remark: Symbol "<" means less than the report limit.

(B) Test Method

Testing Item	Testing Method
Cd	Total Digestion Method and Determined by ICP

2. Determination of Alkylphenoethoxylates (APEO) and Alkylphenols (AP) in Textiles

(A) Test Result Summary (for IKEA Specification IOS-MAT-0010: AA-10911-16)

Testing Item	Result, mg/kg	IKEA Limit, mg/kg
NPEO	<10	/
OPEO	<10	/
NP	<10	/
OP	<10	/
Sum of all substances	<10	100

Remark:

- (a) Symbol "<" means less than the report limit
- (b) APEO = Sum of NPEO (Nonylphenoethoxylates) and OPEO (Octylphenoethoxylates)
 AP = Sum of Nonylphenol (NP) and Octylphenol (OP)

(B) Test Method

Testing Item	Testing Method
APEO and AP	With reference to ISO 18254-1:2016 and ISO 21084:2019

3. Determination of Phthalates

(A) Test Result Summary (for IKEA Specification IOS-MAT-0054: AA-92520-15)

Testing Item	CAS Number	Result, mg/kg	IKEA Limit, mg/kg
Diisooctyl phthalate(DIOP)	27554-26-3	< 50	100
Bis-2-ethylhexyl Phthalate(DEHP)	117-81-7	< 50	100
Di-n-octyl Phthalate(DNOP)	117-84-0	< 50	100
Benzyl Butyl Phthalate(BBP)	85-68-7	< 50	100
Diisobutyl Phthalate(DIBP)	84-69-5	< 50	100
Diisoheptyl phthalate (DIHP)	71888-89-6	< 50	100
Bis(2-methoxyethyl) phthalate(BMEP)	117-82-8	< 50	100
Dihexyl phthalate (DHP)	84-75-3	< 50	100
Diisononyl Phthalate(DINP)	28553-12-0 68515-48-0	< 50	100
Di-n-butyl Phthalate(DBP)	84-74-2	< 50	100
Diisodecyl Phthalate(DIDP)	26761-40-0 68515-49-1	< 50	100





Testing Item	CAS Number	Result, mg/kg	IKEA Limit, mg/kg
Di(heptyl, nonyl, undecyl) phthalate(DHNUP)	68515-42-4	< 50	100
Diisopentyl phthalate (DIPP)	605-50-5	< 50	100
n-Pentyl-isopentylphthalate	776297-69-9	< 50	100
Dimethyl Phthalate (DMP)	131-11-3	< 50	100
Diethyl Phthalate (DEP)	84-66-2	< 50	100
Dipropyl Phthalate	131-16-8	< 50	100
Dipentyl Phthalate (DAP)	131-18-0	< 50	100
Dipentyl Phthalate ester branched and linear(DAP)	84777-06-0	< 50	100
Bis(4-methyl-2-pentyl) phthalate(BMPP)	146-50-9	< 50	100
Dicyclohexyl phthalate(DCP)	84-61-7	< 50	100
Bis(2-ethoxyethyl) phthalate(BEEP)	605-54-9	< 50	100
Dinonyl phthalate	84-76-4	< 50	100
Butyl Octyl phthalate	84-78-6	< 50	100
Hexyl-2-ethylhexyl phthalate (HEHP)	75673-16-4	< 50	100
Diphenyl phthalates	84-62-8	< 50	100
Dibenzyl phthalates	523-31-9	< 50	100
Bis(2-n-butoxyethyl) phthalate(BBEP)	117-83-9	< 50	100
Di-C7-9-alkyl(branched and linear) phthalate	68515-41-3	< 50	100
Di-C9-11-alkyl(branched and linear) phthalate	68515-43-5	< 50	100
Bis(4-methylpentyl) phthalate	71850-09-4	< 50	100
Diundecyl phthalate (DuDP)	3648-20-2	< 50	100
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (Dihexylphthalate)	68515-50-4	< 50	100
Sum of phthalates		< 50	250

Remark: Symbol "<" means less than the report limit

(B) Test Method

Testing Item	Testing Method
Phthalates	With reference to CPSC-CH-C1001-09.4 and ISO 8124-6: 2023 method C

4.Determination of Polycyclic Aromatic Hydrocarbons (PAH) in Textiles

(A) Test Result Summary (for IKEA Specification IOS-MAT-0054: AA-92520-15)

Testing Item	CAS Number	Result, mg/kg	IKEA Limit, mg/kg
Naphthalene	91-20-3	< 0.1	2
Acenaphthene	83-32-9	< 0.1	/
Acenaphthylene	208-96-8	< 0.1	/
Fluorene	86-73-7	< 0.1	/
Phenanthrene	85-01-8	< 0.1	/
Anthracene	120-12-7	< 0.1	/
Fluoranthene	206-44-0	< 0.1	/
Pyrene	129-00-0	< 0.1	/
1-Methylpyrene	2381-21-7	< 0.1	/
Benzo[a] Anthracene	56-55-3	< 0.1	0.2
Chrysene	218-01-9	< 0.1	0.2
Cyclopenta(cd)pyrene	27208-37-3	< 0.1	/
Benzo[b] Fluoranthene	205-99-2	< 0.1	0.2
Benzo[j]fluoranthene	205-82-3	< 0.1	0.2
Benzo[k] Fluoranthene	207-08-9	< 0.1	0.2



Testing Item	CAS Number	Result, mg/kg	IKEA Limit, mg/kg
Benzo[e]pyrene	192-97-2	< 0.1	0.2
Benzo[a]pyrene	50-32-8	< 0.1	0.2
Indeno[1,2,3-c,d] Pyrene	193-39-5	< 0.1	/
Dibenzo[a,h] Anthracene	53-70-3	< 0.1	0.2
Benzo[g,h,i] Perylene	191-24-2	< 0.1	/
Dibenzo[a,l]pyrene	191-30-0	< 0.1	/
Dibenzo[a,e]pyrene	192-65-4	< 0.1	/
Dibenzo[a,i]pyrene	189-55-9	< 0.1	/
Dibenzo[a,h]pyrene	189-64-0	< 0.1	/
Total of 24 Polycyclic Aromatic Hydrocarbons		< 0.1	10

Remark: Symbol "<" means less than the report limit

(B) Test Method

Testing Item	Testing Method
PAH	With reference to EN 17132:2019

5. Determination of Polycyclic Aromatic Hydrocarbons (PAH) in Textiles

(A) Test Result Summary (for IKEA Specification IOS-MAT-0195: AA-2208470-5)

Testing Item	CAS Number	Result, mg/kg	IKEA Limit, mg/kg
Naphthalene	91-20-3	< 0.1	2
Acenaphthene	83-32-9	< 0.1	/
Acenaphthylene	208-96-8	< 0.1	/
Fluorene	86-73-7	< 0.1	/
Phenanthrene	85-01-8	< 0.1	/
Anthracene	120-12-7	< 0.1	/
Fluoranthene	206-44-0	< 0.1	/
Pyrene	129-00-0	< 0.1	/
1-Methylpyrene	2381-21-7	< 0.1	/
Benzo[a] Anthracene	56-55-3	< 0.1	0.2
Chrysene	218-01-9	< 0.1	0.2
Cyclopenta(cd)pyrene	27208-37-3	< 0.1	/
Benzo[b] Fluoranthene	205-99-2	< 0.1	0.2
Benzo[j]fluoranthene	205-82-3	< 0.1	0.2
Benzo[k] Fluoranthene	207-08-9	< 0.1	0.2
Benzo[e]pyrene	192-97-2	< 0.1	0.2
Benzo[a]pyrene	50-32-8	< 0.1	0.2
Indeno[1,2,3-c,d] Pyrene	193-39-5	< 0.1	/
Dibenzo[a,h] Anthracene	53-70-3	< 0.1	0.2
Benzo[g,h,i] Perylene	191-24-2	< 0.1	/
Dibenzo[a,l]pyrene	191-30-0	< 0.1	/
Dibenzo[a,e]pyrene	192-65-4	< 0.1	/
Dibenzo[a,i]pyrene	189-55-9	< 0.1	/
Dibenzo[a,h]pyrene	189-64-0	< 0.1	/
Total of 24 Polycyclic Aromatic Hydrocarbons		< 0.1	10

Remark: Symbol "<" means less than the report limit

(B) Test Method

Testing Item	Testing Method





Testing Item	Testing Method
PAH	With reference to EN 17132: 2019

6.Determination of Formaldehyde (Refer to IOS-TM-0007: AA-300792-17, IOS-MAT-0010: AA-10911-16, ISO 14184-1: 2011):

	Results
Formaldehyde Content (mg/kg)	Not detectable

Remark:

•Value below 16 mg/kg is reported as 'Not detectable'.

7.Determination of Formaldehyde (Refer to IOS-TM-0007: AA-300792-17, IOS-MAT-0054: AA-92520-15, ISO 14184-1: 2011):

	Results	IKEA Limit
Formaldehyde Content (mg/kg)	Not detectable	16

Remark:

•Value below 16 mg/kg is reported as 'Not detectable'.

8.Determination of Formaldehyde (Refer to IOS-TM-0007: AA-300792-17, IOS-MAT-0195: AA-2208470-5, ISO 14184-1: 2011):

	Results	IKEA Limit
Formaldehyde Content (mg/kg)	Not detectable	16

Remark:

•Value below 16 mg/kg is reported as 'Not detectable'.

9.Fibre Composition (Refer to IOS-TM-0007: AA-300792-17, AATCC 20-2021):

	Results
Fibre Content	100% Polyester

-----End of Report-----

