

Test Report

No. EC411566201

Date: Sep 13 2010

Page 1 of 4

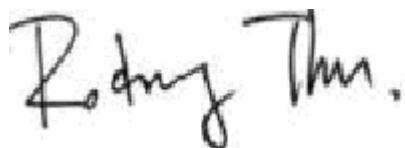
HONG KONG PETROCHEMICAL CO LTD
12, WANG LOK STREET
YUEN LONG INDUSTRIAL ESTATE
NEW TERRITORIES
HONG KONG

The following sample was submitted and identified on behalf of the client as :
GENERAL PURPOSE POLYSTYRENE HK PETRO N 1841 H

SGS Job No. : 1394581
Country of Origin : HONG KONG
Country of Destination : HONG KONG
Date of Sample(s) Received : AUG 31 2010
Testing Period : AUG 31 - SEP 08 2010

Test Requested : Select test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Result(s) : Please refer to next page(s).
Conclusion : - Based on the results of the sample as tested, the raw material comply with the requirements of category 1 according to ZEK 01.2-08 of German ZLS and its amendments.

Signed for and on behalf of
SGS Hong Kong Ltd.



Thu Hung Yat, Rodney
Section Manager

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Report

No. EC411566201

Date: Sep 13 2010

Page 2 of 4

Test Results:

ID for sample 1 : 4115662S001
 Description for sample 1 : Transparent Plastic

PAHs (Polynuclear Aromatic Hydrocarbons)

<u>Test Item(s)</u>	<u>CAS-No.</u>	<u>Unit</u>	<u>Test Method</u>	<u>Results</u>	<u>MDL</u>
Naphthalene (NAP)	91-20-3	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Acenaphthylene (ANY)	208-96-8	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Acenaphthene (ANA)	83-32-9	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Fluorene (FLU)	86-73-7	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Phenanthrene (PHE)	85-01-8	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Anthracene (ANT)	120-12-7	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Fluoranthene (FLT)	206-44-0	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Pyrene (PYR)	129-00-0	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Benz (a) anthracene (BaA)	56-55-3	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Chrysene (CHR)	218-01-9	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Benzo (b) fluoranthene (BbF)	205-99-2	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Benzo (k) fluoranthene (BkF)	207-08-9	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Benzo (a) pyrene (BaP)	50-32-8	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Indeno (1,2,3-cd) pyrene (IPY)	193-39-5	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Dibenz (a,h) anthracene (DBA)	53-70-3	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Benzo (g,h,i) perylene (BPE)	191-24-2	mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	0.2
Sum of 16 PAHs acc. US EPA		mg/kg	With reference to ZEK 01.2-08, and performed by GC-MS	n.d.	-
Material Category acc. ZEK 01.2-08			With reference to ZEK 01.2-08, and performed by GC-MS	1	

Note :

- (1) mg/kg = ppm
- (2) n.d. = not detected

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

(3) MDL = Method Detection Limit

ZEK 01.2-08 : Restraining maximum values for products

Parameter	Category 1	Category 2	Category 3
	Material which are meant to put in the mouth as well as toys for children <36 months	Materials with foreseeable skin contact >30 s (prolonged skin contact) and toys not covered by category 1	Materials with foreseeable skin contact ≤30 s (short time skin contact) or without skin contact
Benzo[a]pyrene (mg/kg)	<MDL (<0,2)***	1	20
Sum 16 PAH (US EPA) (mg/kg)**	<MDL (<0,2)***	10	200

Remark :

** = Only PAH substances >0.2 mg/kg are taken into account while calculating the sum of PAHs

*** = In case that the maximum values exceed the limits of category 1 , but are within the limits of category 2 , one may confirm the suitability of the tested material which is in contact with oral mucosa by additional specific migration tests of PAH components based on DIN EN 1186ff and §64 LFGB 80.30-1. The conclusion of the migration test results must be made based on food law criteria.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Sample photo:



SGS authenticate the photo on original report only

*** End Of Report ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.