



Valued Quality. Delivered.

Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute
American Society for Testing and Materials
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited
Hong Kong Toys Council

Test Report

Number: HKGH0209652402

Applicant: TM TOYS SP Z O O
UL ZBOZOWA 4
70-653 SZCZECIN
POLAND
Attn: DANIEL POON

Date: Apr 10, 2017

Submitted sample said to be :
Item Name : **Inflatable Giant Donut**
Ref. No. : **DKJ0235**
Quantity : Two sets & parts
Labelled Age Group : "9+"
Packaging Provided : Yes
Supplier : Welfun Group Limited
Buyer : TM Toys Sp. z o. o.
Country of Origin : China

Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) 94/62/EC and amendment 2013/2/EU & Directive (EU) 2015/720 Directive (packaging waste) - Toxic elements test	Pass
(2) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52 & amendment no. 552/2009 - Phthalates content	Pass
(3) REACH Regulation (EC) no. 1907/2006 & amendment (EU) no. 1272/2013 Annex XVII Item 50 - Polycyclic aromatic hydrocarbons content	Pass

For and on behalf of :
Intertek Testing Services HK Ltd.

Angel Y.F. Cheung
Vice President



Test Report

Number: HKGH0209652402

(1) Toxic Elements Analysis

Test Method : 94/62/EC and amendment 2013/2/EU & Directive (EU) 2015/720 Directive on packaging and packaging waste, acid digestion method was used and toxic elements contents were determined by Inductively Coupled Argon Plasma Spectrometry, and Hexavalent Chromium content was determined by UV-Visible Spectrophotometry.

	Result (ppm)			Limit (ppm)
	(1)	(2/3)	(4)	
Total Lead (Pb)	<5	<5	<5	--
Total Cadmium (Cd)	<5	<5	<5	--
Total Mercury (Hg)	<5	<5	<5	--
Chromium VI (Cr (VI))	<1	<1	<1	--
Sum of Lead, Cadmium, Mercury and Chromium Cr (VI)	<16	<16	<16	100

ppm = parts per million = mg/kg

Tested Components:

- (1) Coatings on paper board (box) (packaging).
- (2) Paper board excluding coatings (box) (packaging).
- (3) Yellow paper sheet with black printing (back sheet of repair patch) (packaging).
- (4) Transparent adhesive tape (sealing tape) (packaging).

Date sample received : Mar 14, 2017
Test Period : Mar 14, 2017 to Mar 17, 2017

(2) Phthalate Content Test

Test Method : EN14372, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Six Phthalate content:

Compounds	Result (% w/w)			Limit (% w/w)
	(1)	(2/3)	(4/5)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Sum of DBP, DEHP & BBP	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	--
Sum of DINP, DnOP & DIDP	<0.01	<0.01	<0.01	0.1

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 for phthalate content in toys and childcare articles.





Valued Quality. Delivered.

Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :
American National Standards Institute
American Society for Testing and Materials
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited
Hong Kong Toys Council

Test Report

Number: HKGH0209652402

Tested Components:

- (1) Coatings on plastic sheet (warning, topping, dressing on donut pattern).
- (2) Pink plastic sheet (front of main body).
- (3) Beige plastic sheet (back of main body).
- (4) Transparent plastic (valve).
- (5) Transparent plastic label (repair patch).

Date sample received : Mar 14, 2017
Test Period : Mar 14, 2017 to Mar 17, 2017

(3) Polycyclic Aromatic Hydrocarbons (PAH) Content

Test Method : Solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS).

	Result (ppm)			Limit (ppm)
	(1)	(2/3)	(4/5)	
Benzo(a)pyrene	<0.20	<0.20	<0.20	0.5
Benzo(e)pyrene	<0.20	<0.20	<0.20	0.5
Benzo(a)anthracene	<0.20	<0.20	<0.20	0.5
Chrysene	<0.20	<0.20	<0.20	0.5
Benzo(b)fluoranthene	<0.20	<0.20	<0.20	0.5
Benzo(j)fluoranthene	<0.20	<0.20	<0.20	0.5
Benzo(k)fluoranthene	<0.20	<0.20	<0.20	0.5
Dibenzo(a,h)anthracene	<0.20	<0.20	<0.20	0.5

The above limit was quoted according to Annex XVII Items 50 of the REACH Regulation (EC) no. 1907/2006 & amendment (EU) no. 1272/2013 for polycyclic aromatic hydrocarbons (PAH).

ppm = parts per million = mg/kg

Tested Components:

- (1) Coatings on plastic sheet (warning, topping, dressing on donut pattern).
- (2) Pink plastic sheet (front of main body).
- (3) Beige plastic sheet (back of main body).
- (4) Transparent plastic (valve).
- (5) Transparent plastic label (repair patch).

Date sample received : Mar 14, 2017
Test Period : Mar 14, 2017 to Mar 21, 2017



Valued Quality. Delivered.

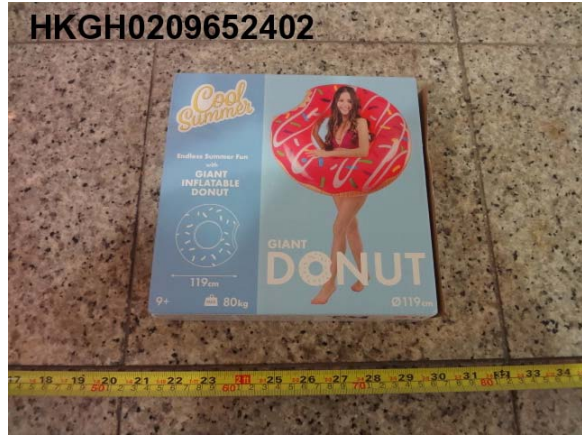
Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :
American National Standards Institute
American Society for Testing and Materials
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited
Hong Kong Toys Council

Test Report

Number: HKGH0209652402



End of report

Except where explicitly agreed in writing, all work and services performed by Intertek is subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek.com/terms/>. Intertek's responsibility and liability are limited to the terms and conditions of the agreement.

This report is made solely on the basis of your instructions and / or information and materials supplied by you and provide no warranty on the tested sample(s) be truly representative of the sample source. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. Intertek is under no obligation to refer to or report upon any facts or circumstances which are outside the specific instructions received and accepts no responsibility to any parties whatsoever, following the issue of the report, for any matters arising outside the agreed scope of the works. This report does not discharge or release you from your legal obligations and duties to any other person. You are the only one authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk.

This report shall not be reproduced, except in full.

