



CONSUMER PRODUCTS SERVICES DIVISION

JETTA COMPANY LIMITED.

Technical Report: (8512)177-0166

Date Received: August 02, 2012

August 31, 2012

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KITTY PO / BONNY
JETTA COMPANY LIMITED.
JETTA HOUSE
ON LOK TSUEN, 19 ON KUI STREET
FAN LING
NEW TERRITORIES
HONG KONG

Sample Description:	ORIGAMI DIPPED PARTS	Sample Size:	4 + 1 LOT(S)
Vendor:	N/A	Style No(s):	(4M006) 4M-006-01
Manufacturer:	JETTA(JVT)	SKN/SKU No.:	N/A
Buyer:	THORLEY INDUSTRIES	PO No.:	N/A
Labeled Age Grade:	6 MONTHS+	Ref #:	N/A
Appropriate Age Grade:	NOT REQUESTED	Country of Origin:	CHINA
Client Specified Age Grade:	CHILDREN PRODUCTS, FROM 6 MONTHS TO 3 YEARS OF AGE	Assortment No.:	N/A
Tested Age Grade:	CHILDREN PRODUCTS, FROM 6 MONTHS TO 3 YEARS OF AGE		
UPC Code:	817980010062		

EXECUTIVE SUMMARY:

The sample(s) & dipped parts MEET the following requirement(s):

- The BBP, DBP and DEHP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 51.
- The cadmium content requirement of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 23.
- The DNOP, DINP and DIDP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 52.

The sample(s) MEET the following requirement(s):

- The safety requirements and test methods of BS EN 1888:2012, "Child care articles – Wheeled child conveyances – Safety requirements and test methods".
- The safety requirements and test methods of BS EN 1888:2003 and its amendments A1:2005, A2:2005 and A3:2005, "Child care articles – Wheeled child conveyances – Safety requirements and test methods".



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EXECUTIVE SUMMARY:

Note: Insufficient surface coatings were found on the submitted samples. Therefore, the heavy metals tests were conducted on the submitted parts.

BUREAU VERITAS SHENZHEN CO., LTD.

Wendy Cha
Manager
Toys And Juvenile Products Department

WC/jx

RESULTS:

**Child care articles – wheeled child conveyances – Safety requirements and test methods
 (BS EN 1888: 2012)**

Clauses	Content	Results
6	Chemical hazards	Refer to Chemical Division's Data
7	Thermal hazards	Refer to EN 1103 data
8	Mechanical hazards	-
8.1.1	Suitability of vehicle	-
8.1.1.1.1	Vehicles intended for use from birth	NA
8.1.1.1.2	Vehicles intended for use from 6 months of age	M
8.1.1.1.3	Seat units	M
8.1.2	Minimum internal height of pram body	-
8.1.2.1	Requirements	NA
8.1.3	Restraint system and fasteners	-
8.1.3.1.1	Restraint system	M
8.1.3.1.2	Harness anchorage points	NA
8.2.1	Holes and openings	-
8.2.1.1	Requirements	NA
8.2.2	Entrapment between the handle and the pram body	-
8.2.2.1	Requirements	NA
8.3	Hazards from moving parts	-
8.3.1	Requirements	M
8.3.2	Wheels	NA
8.3.3.1	Folding system for storage or transportation	-
8.3.3.1.1.1	General requirements	M
8.3.3.1.1.2	Incomplete deployment	M
8.3.3.1.1.3	Unintentional release of locking mechanism(s)	M
8.2	Entrapment hazards – retest	NA
8.3.3.2	Pushchairs chair with rotating seat units	NA
8.3.3.3.1	Requirements for reversible handles	NA
8.3.3.3.2	Requirements for telescopic handles	NA
8.3.3.4	Requirements for the attachment of pram body and seat unit and car seats to the chassis	M
8.4	Entanglement hazards	NA
8.5	Choking and ingestion hazards	-
8.5.1	Requirements	M
8.6	Suffocation hazards	-
8.6.1	Internal lining of the pram body and seat unit	M

RESULTS:

**Child care articles – wheeled child conveyances – Safety requirements and test methods
 (BS EN 1888: 2012)**

Clauses	Content	Results
8.6.2	Plastic packaging	M
8.7	Hazardous edges and protrusions	M
8.8	Parking and braking devices	-
8.8.1	Requirements	M
8.9.1	Stability of vehicle	-
8.9.1.1	Requirements	M
8.9.2	Longitudinal stability of a pram body with carrying handles	-
8.9.2.1	Requirements	NA
8.10.1	Carrying handles and handle anchorage points of pram bodies and detachable seat units	-
8.10.1.1	Requirements	NA
8.10.2	Strength and durability of attachment devices for pram bodies or seat units or car seats	-
8.10.2.1	Requirements	M
8.10.3	Irregular surface test	-
8.10.3.1	Requirements	M
8.2	Entrapment hazards – retest	NA
8.3	Hazards from moving parts – retest	NA
8.8	Parking and braking devices – retest	NA
8.9	Stability – retest	NA
8.10.4	Dynamic strength	-
8.10.4.1	Requirements	M
8.10.5	Wheel strength	-
8.10.5.1	Requirements	M
8.10.6	Handle strength	-
8.10.6.1	Requirements	M
8.3.3	Locking mechanism(s) – retest	NA
9	Durability of marking	M
10	Product information	-
10.1	General	M
10.2	Marking of product	M
10.3	Purchase information	M
10.4	Instruction for use	M

*M = Meet NM = Not Meet N/A = Not Applicable NT = Not Test
 R = Refer to Comment Section*

RESULTS:

**Child care articles – wheeled child conveyances – Safety requirements and test methods
(BS EN 1888: 2003 and its amendments A1:2005, A2:2005 and A3:2005)**

Clauses	Content	Results
5	Materials	
5.1	Chemical properties (EN 71 Part 3:1994)	Refer to Chemical Division's Data
5.2	Flammability	M
5.3	Shrinkage	M
6	Construction	M
6.1	General requirements	M
6.1.1	Shear and compression point	M
6.1.2	Entrapment	M
6.1.3	Edges, points and corners	M
6.1.4	Small parts	M
6.1.5	Attachment of mechanical parts	M
6.1.6	Cords, strings and other narrow fabrics	NA
6.1.7	Pram body or seat unit internal lining	M
6.1.8	Attachment of textile parts with child retention purpose	NA
6.2	Dimensions	M
6.2.1	Minimum internal height of the pram body	NA
6.2.2	Angle and height of seat unit backrest	M
6.2.3	Suitability of vehicle for age of child	M
6.3	Pram body and seat unit attachment to chassis	M
6.3.1	Efficiency and strength	M
6.3.2	Installation of the pram body or seat unit on the chassis	M
6.3.3	Inadvertent release of the pram body or seat unit	M
7	Stability test	M
7.2.2.2	Stability of prams (for one child)	NA
7.2.2.3	Stability of pushchairs (for one child)	M
7.2.2.4	Stability of vehicles for more than one child	NA
7.2.2.5	Stability of vehicles on a kerb	M
7.2.2.6	Stability of pushchairs fitted with a platform	NA
8	Pushchairs with rotation seat unit	NA
9	Handle	M
10	Parking device and Braking Devices	M
11	Lock device for the folding mechanism	M
12	Longitudinal stability of a pram body with carrying handle	NA
13	Carrying handles and handle anchorage points of pram bodies and detachable seat unit	NA
14	Strength and durability of attachment devices for pram bodies or seat units	M
15	Restraint system and fasteners	M
15.1.1	Restraint system	M
15.1.2	Harness anchorage points	NA
16	Wheel Strength	M
17	Irregular surface test	M
18	Dynamic strength	M
19	Durability of marking	M
20	Plastic packaging	M
21	Product information	M

M = Meet NM = Not Meet N/A = Not Applicable NT = Not Test
R = Refer to Comment Section

RESULTS:

CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)

Category:				Plastics			
Element:				Cadmium			
Test Method				BS EN 1122: 2001, Method B			
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)			
Sample Description				Reading 1	Reading 2	Average	Conclusion
Color / Component	Location	Style	Result (mg/kg)				
(A) Black foam Orange soft plastic Grey soft plastic Matt black foam	Handle Roller button Base of container Tyre of wheels		LT 10	LT 10	LT 10	LT 10	Pass
(B) Grey plastic Dirty white plastic Dull grey plastic Soft grey plastic	Roller on joint of wheels Wheels Brake pad Rim of light & axle bolt on joint of wheels inner frame & joint of wheels		LT 10	LT 10	LT 10	LT 10	Pass
(C) White plastic Black printed snow white plastic Matt grey plastic Bright black plastic	Buckle Sewn label Buckle Zipper teeth		LT 10	LT 10	LT 10	LT 10	Pass
(D) Soft black plastic Flat black plastic Matt black plastic Sharp black	End of zipper band Frame on seat Base of container Rim on bottom of base of container		LT 10	LT 10	LT 10	LT 10	Pass
(E) Bright soft black plastic Bright flat black plastic Bright matt black plastic Bright sharp black plastic	Rim of joint of axle on frame of origami Joint of axle on frame of origami Base of handle Joint on frame Side case of screen & cover on handle		LT 10	LT 10	LT 10	LT 10	Pass



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RESULTS:

CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)

Category:				Plastics			
Element:				Cadmium			
Test Method				BS EN 1122: 2001, Method B			
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)			
Sample Description				Reading 1	Reading 2	Average	Conclusion
Color / Component	Location	Style	Result (mg/kg)				
(F)	Bright dirty black plastic Transparent plastic Clear plastic Translucent white plastic	Joint of front wheels Scat, Small wheels Inner joint of wheels Screen Led light Light & inner Joint of wheels		LT 10	LT 10	LT 10	Pass
(G)	Translucent white soft plastic Black foam sticker Clear white plastic Bright clear white plastic	Inner frame loop inner joint of axle & screen Washer inner roller button & joint of wheels Inner battery compartment & battery cover Inner joint of wheels Plastic tie inner joint of wheels Small plastic tie inner joint of wheels		LT 10	LT 10	LT 10	Pass
(H)	Clear white soft plastic Bright clear plastic Clear glue Silver plastic	Washer inner wheels Washer on battery cover Inner back of screen Inner rim of screen		LT 10	LT 10	LT 10	Pass
(I)	Sharp translucent white plastic Transparent grey plastic Clear yellow glue Flat transparent plastic	Inner back of screen Inner screen Inner joint of wheels & screen Led light inner screen		LT 10	LT 10	LT 10	Pass

RESULTS:

CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)

Category:				Plastics			
Element:				Cadmium			
Test Method				BS EN 1122: 2001, Method B			
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)			
Sample Description				Reading 1	Reading 2	Average	Conclusion
Color / Component	Location	Style	Result (mg/kg)				
(J)	White printed bright black soft plastic Bright sharp black plastic Light red soft plastic/matt black soft plastic	Wrapper of wire inner screen & joint of wheels Loudspeaker inner screen Inner rim of screen		LT 10	LT 10	LT 10	Pass
(K)	Snow white plastic Matt bright black plastic Sharp clear plastic Translucent glue	Gear inner wheels Gear inner wheels Inner joint of wheels Inner joint of wheels		LT 10	LT 10	LT 10	Pass
(L)	Matt sharp black soft plastic White printed matt flat black soft plastic Bright grey soft plastic/flat sharp soft plastic	Inner joint of wheels Wrapper of wire inner joint of wheels Pad inner roller button		LT 10	LT 10	LT 10	Pass
(M)	Dirty flat black plastic Snow bright white plastic White printed flat sharp black soft plastic Sharp translucent soft plastic	Inner roller button Plug inner base of handle & joint of wheels Wrapper inner frame Wire inner frame		LT 10	LT 10	LT 10	Pass
(N)	Bright matt soft black plastic Black plastic Dull black plastic Dull red plastic	Base of wire inner frame Buckle Plug inner joint of wheels Plug inner joint of wheels		LT 10	LT 10	LT 10	Pass



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RESULTS:

CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)

Category:				Plastics			
Element:				Cadmium			
Test Method				BS EN 1122: 2001, Method B			
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)			
Sample Description				Reading 1	Reading 2	Average	Conclusion
Color / Component	Location	Style	Result (mg/kg)				
(O) Soft translucent plastic Dull white foam Matt translucent white plastic Soft bright black plastic	Tube inner frame on seat Inner scat Board inner seat Y bag Jack		LT 10	LT 10	LT 10	LT 10	Pass
(P) Black loop & hook fastener Soft black foam/bright soft black fabric Bright matt flat black soft plastic Dirty black plastic	Fastener Seat Wire inner frame Joint of wheels & case of screen		LT 10	LT 10	LT 10	LT 10	Pass
(Q) White glue Yellow adhesive-tape Matt transparent plastic Matt translucent plastic	Inner charger Inner charger Gear case inner joint of wheels Inner base of container on seat		LT 10	LT 10	LT 10	LT 10	Pass
(R) Black PVC/black fabric Bright black PVC Flat black PVC Dirty sharp black PVC	Bag & seat Cover of jack Cover of screen Rim of joint of axle on frame		LT 10	LT 10	LT 10	LT 10	Pass
(S) Red PVC Black printed white PVC White printed black PVC Bright black PVC	Wire inner joint of wheels Wire inner joint of wheels Wire inner joint of wheels Wire inner joint of wheels		LT 10	LT 10	LT 10	LT 10	Pass



RESULTS:

CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)

Category:				Plastics			
Element:				Cadmium			
Test Method				BS EN 1122: 2001, Method B			
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)			
Sample Description				Reading 1	Reading 2	Average	Conclusion
Color / Component	Location	Style	Result (mg/kg)				
(T) Black printed bright white PVC Flat black PVC Matt black PVC Bright red PVC	Wire inner light Wrapper of wire inner light Pad & loop inner joint of wheels Wire inner battery compartment & joint of wheels		LT 10	LT 10	LT 10	LT 10	Pass
(U) White printed sharp black PVC Black printed flat red PVC Blue printed matt red PVC White printed purple PVC	Wire inner joint of wheels Wire inner joint of wheels Wire inner joint of wheels Wire inner joint of wheels		LT 10	LT 10	LT 10	LT 10	Pass
(V) White printed grey PVC Snow white PVC White printed yellow PVC White printed brown PVC	Wire inner joint of wheels Wire inner joint of wheels Wire inner joint of wheels & frame Wire inner joint of wheels		LT 10	LT 10	LT 10	LT 10	Pass
(W) White printed orange PVC White printed matt red PVC White printed pale purple PVC	Wire inner joint of wheels & frame Wire inner joint of wheels & frame Wire inner joint of wheels & frame		LT 10	LT 10	LT 10	LT 10	Pass

RESULTS:

CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)

Category:				Plastics			
Element:				Cadmium			
Test Method				BS EN 1122: 2001, Method B			
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)			
Sample Description				Reading 1	Reading 2	Average	Conclusion
Color / Component	Location	Style	Result (mg/kg)				
(X) White printed deep blue PVC	Wire inner joint of wheels & frame		LT 10	LT 10	LT 10	Pass	
White printed aqua blue PVC	Wire inner joint of wheels & frame						
Black printed bright yellow PVC	Wire inner joint of wheels						
Black printed matt yellow PVC	Wire inner joint of wheels						
(Y) Black printed matt blue PVC	Wire inner joint of wheels		LT 10	LT 10	LT 10	Pass	
White printed dull blue PVC	Wire inner joint of wheels						
Bright soft black PVC	Wire inner joint of wheels						
White printed bright flat black PVC	Wire inner screen						
(Z) Black printed matt grey PVC	Wire inner screen		LT 10	LT 10	LT 10	Pass	
White printed soft bright black PVC	Wire inner screen						
Soft yellow PVC	Wire inner base of handle						
Dirty black PVC	Wire inner base of handle						
(AA) Black printed flat blue PVC	Wire inner base of handle		LT 10	LT 10	LT 10	Pass	
Black printed dirty red PVC	Wire inner base of handle						
Translucent PVC	Tube inner frame						
Matt bright black PVC	Plug of charger						
(AB) Matt flat black PVC	Wire of charger		LT 10	LT 10	LT 10	Pass	
Matt soft black PVC	Joint of wire on charger						
Sharp bright black PVC	Wrapper of iron wire inner joint of wheels						



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RESULTS:

CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)

Category:				Plastics			
Element:				Cadmium			
Test Method				BS EN 1122: 2001, Method B			
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)			
Sample Description				Reading 1	Reading 2	Average	Conclusion
Color / Component	Location	Style	Result (mg/kg)				
(AC) Bright flat sharp black plastic Dull translucent white plastic Matt dirty white plastic Dull matt black plastic	Loop on plug of charger Inner screen Inner nut of inner joint of wheels Case of charger		LT 10	LT 10	LT 10		Pass
(AD) Dull translucent plastic Flat dull black soft plastic	Tube inner wrapper of iron ware inner joint of wheels & frame Loop inner joint of wheels		LT 10	LT 10	LT 10		Pass

LT = Less than

= Insufficient sample for duplicate analyses

mg/kg = milligrams per kilogram (ppm = parts per million)

Operator: Zhang Shao Zheng, Ryan

Category:				Paints on Painted Article	
Element:				Cadmium	
Test Method:				In house acid digestion	
Maximum Allowable Limit:				1000 mg/kg (0.1% by weight)	
Test Component				Result (mg/kg)	Conclusion
Colour/Component	Location	Style			
A. Black/white coating Bright white coating	Warning label Care label Parts		LT 10		Pass
B. Dull white coating/decal Iridescent grey coating Matt white coating	Logo & pattern on seat Rim of scat Charger		LT 10		Pass
C. Bright black coating Matt black coating	Button Zipper		LT 10		Pass

LT = Less than

* = Average of duplicate analyses

mg/kg = milligrams per kilogram (ppm = parts per million)

RESULTS:

**BBP/DBP/DEHP CONTENTS IN TOYS AND CHILDCARE ARTICLES (European Regulation (EC)
 No. 1907/2006 REACH Annex XVII, Item no. 51)**

Test Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Sample Identity	Test Component	Location	Style
A.	Black /white coating Bright white coating Dull white coating /decal	Warning label Care label Parts Logo & pattern on seat	
B.	Iridescent grey coating Bright black coating Matt black coating	Rim of seat Button Zipper	
C.	Black foam Orange soft plastic Grey soft plastic	Handle Roller button Base of containner	
D.	Matt black foam Grey plastic Dirty white plastic	Tyre of wheels Roller on joint of wheels Wheels	
E.	Dull grey plastic Soft grey plastic Black plastic	Brake pad Rim of light & axle Bolt on joint of wheels Inner frame & joint of wheels Buckle	
F.	White plastic Black printed snow white plastic Matt grey plastic	Buckle Sewn label Buckle	
G.	Bright black plastic Soft black plastic Flat black plastic	Zipper teeth End of zipper band Frame on seat	
H.	Matt black plastic Sharp black plastic Dirty black plastic	Base of containner Rim on bottom of base of containner Origami & case of screen	
I.	Bright soft black plastic Bright flat black plastic Bright matt black plastic	Rim of joint of axle on frame of origami Joint of axle on frame of origami Base of handle	
J.	Bright sharp black plastic Bright dirty black plastic Dull translucent plastic	Side case of screen & Cover on handle Joint of front wheels Seat Small wheels Inner joint of wheels Tube inner wrapper of iron wire inner joint of wheels & frame Joint on frame	
K.	Transparent plastic Clear plastic Translucent white plastic	Screen Led light Light & inner joint of wheels	

RESULTS:

BBP/DBP/DEHP CONTENTS IN TOYS AND CHILDCARE ARTICLES (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 51)

Test Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Sample Identity	Test Component	Location	Style
L.	Translucent white soft plastic Black foam sticker Clear white plastic	Inner frame loop inner of axle & screen Washer inner roller button & joint of wheels Inner battery compartment & battery cover Inner joint of wheels Plastic tie inner joint of wheels	
M.	Bright clear white plastic Bright clear plastic Clear glue	Small plastic tie inner joint of wheels Washer on battery cover Inner back of screen	
N.	Sharp translucent white plastic Transparent grey plastic Clear yellow glue	Inner back of screen Inner screen Inner joint of wheels & screen	
O.	Flat transparent plastic White printed bright black soft plastic Bright sharp black plastic	Led light inner screen Wrapper of wire inner screen & joint of wheels Loudspeaker inner screen	
P.	Light red soft plastic /matt black soft plastic Silver plastic	Inner rim of screen Inner rim of screen	
Q.	Snow white plastic Matt bright black plastic Sharp clear plastic	Gear inner wheels Gear inner wheels Inner joint of wheels	
R.	Translucent glue Matt sharp black soft plastic Matt dirty white plastic	Inner joint of wheels Inner joint of wheels Inner nut of inner joint of wheels	
S.	White printed matt flat black soft plastic Bright grey plastic /flat sharp soft plastic	Wrapper of wire inner joint of wheels Pad inner roller button	
T.	Dirty flat black plastic Snow bright white plastic White printed flat sharp black soft plastic	Inner roller button Plug inner base of handle & joint of wheels Wrapper inner frame	
U.	Sharp translucent soft plastic Bright matt soft black plastic Bright matt flat black soft plastic	Wire inner frame Base of wire inner frame Wire inner frame	
V.	Soft translucent plastic Dull white foam Matt translucent white plastic	Tube inner frame on seat Inner seat Board inner seat & bag	
W.	Soft bright black plastic Soft black foam /bright soft black plastic Dull translucent white plastic	Jack Seat Inner screen	
X.	Black PVC/black fabric Bright black PVC	Bag & seat Cover of jack	



RESULTS:

BBP/DBP/DEHP CONTENTS IN TOYS AND CHILDCARE ARTICLES (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 51)

Test Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Sample Identity	Test Component	Location	Style
Y.	Flat black PVC Dirty sharp black PVC	Cover of screen Rim of joint of axle on frame	
Z.	Red PVC Black printed white PVC White printed black PVC	Wire inner joint of wheels Wire inner joint of wheels Wire inner joint of wheels	
AA.	Bright black PVC Black printed bright white PVC Flat black PVC	Wrapper inner joint of wheels Wire inner light Wrapper of wire inner light	
AB.	Matt black PVC Bright red PVC White printed sharp black PVC	Pad & loop inner joint of wheels Wire inner battery compartment & joint of wheels Wire inner joint of wheels	
AC.	Black printed flat red PVC Blue printed matt red PVC White printed purple PVC	Wire inner joint of wheels Wire inner joint of wheels Wire inner joint of wheels	
AD.	White printed grey PVC Snow white PVC White printed yellow PVC	Wire inner joint of wheels Wire inner joint of wheels Wire inner joint of wheels & frame	
AE.	White printed brown PVC White printed orange PVC White printed matt red PVC	Wire inner joint of wheels Wire inner joint of wheels & frame Wire inner joint of wheels & frame	
AF.	White printed deep blue PVC White printed aqua blue PVC Black printed bright yellow PVC	Wire inner joint of wheels & frame Wire inner joint of wheels & frame Wire inner joint of wheels	
AG.	Black printed matt yellow PVC Black printed matt blue PVC White printed dull blue PVC	Wire inner joint of wheels Wire inner joint of wheels Wire inner joint of wheels	
AH.	Bright soft black PVC White printed bright flat black PVC Black printed matt grey PVC	Wrapper inner joint of wheels Wire inner screen Wire inner screen	
AI.	White printed soft bright black PVC Soft yellow PVC Dirty black PVC	Wire inner screen Wire inner base of handle Wire inner base of handle	
AJ.	Sharp bright black PVC White printed pale purple PVC	Wrapper of iron wire inner joint of wheels Wire inner joint of wheels & frame	
AK.	Black printed flat blue PVC Black printed dirty red PVC Transparent PVC	Wire inner base of handle Wire inner base of handle Tube inner frame	
AL.	Matt bright black PVC Matt flat black PVC Matt soft black PVC	Plug of charger Wire of charger Joint of wire on charger	
AM.	Flat dull black soft plastic Clear white soft plastic Matt translucent plastic	Loop inner joint of wheels Washer inner wheels Inner base of container on seat	



RESULTS:

**BBP/DBP/DEHP CONTENTS IN TOYS AND CHILDCARE ARTICLES (European Regulation (EC)
 No. 1907/2006 REACH Annex XVII, Item no. 51)**

Test Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Test Parameter:	BBP	DBP	DEHP	Sum of three phthalates	
Limit (%):	0.1	0.1	0.1	0.1	
Sample	Result (%)				Conclusion
A.	LT 0.005	0.007	LT 0.005	0.007	Pass
B.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
C.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
D.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
E.	0.007	LT 0.005	LT 0.005	0.007	Pass
F.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
G.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
H.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
I.	0.010	LT 0.005	LT 0.005	0.010	Pass
J.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
K.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
L.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
M.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
N.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
O.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
P.	LT 0.005	LT 0.005	0.006	0.006	Pass
Q.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
R.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
S.	LT 0.005	LT 0.005	0.007	0.007	Pass
T.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
U.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
V.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
W.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
X.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
Y.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
Z.	LT 0.005	LT 0.005	0.020	0.020	Pass
AA.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
AB.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
AC.	LT 0.005	LT 0.005	0.009	0.009	Pass



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RESULTS:

**BBP/DBP/DEHP CONTENTS IN TOYS AND CHILDCARE ARTICLES (European Regulation (EC)
 No. 1907/2006 REACH Annex XVII, Item no. 51)**

Test Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Test Parameter:	BBP	DBP	DEHP	Sum of three phthalates	
Limit (%):	0.1	0.1	0.1	0.1	
Sample	Result (%)				Conclusion
AD.	LT 0.005	LT 0.005	0.009	0.009	Pass
AE.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
AF.	LT 0.005	LT 0.005	0.006	0.006	Pass
AG.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
AH.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
AI.	LT 0.005	LT 0.005	0.005	0.005	Pass
AJ.	LT 0.005	LT 0.005	0.016	0.016	Pass
AK.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
AL.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
AM.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass

Detection Limit :

BBP = Butyl benzyl phthalate (0.005%)
 DBP = Dibutyl phthalate (0.005%)
 DEHP = Di(2-ethylhexyl) phthalate (0.005%)

Results reported in percentage

LT = Less than
 ND = None detected

RESULTS:

DNOP/DINP/DIDP CONTENTS IN TOYS AND CHILDCARE ARTICLES WHICH CAN BE PLACED IN MOUTH BY THE CHILDREN (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 52)

Test Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Sample Identity	Test Component	Location	Style
A.	Black /white coating Bright white coating Dull white coating /decal	Warning label Care label Parts Logo & pattern on seat	
B.	Iridescent grey coating Bright black coating Matt black coating	Rim of seat Button Zipper	
C.	Black foam Orange soft plastic Grey soft plastic	Handle Roller button Base of containner	
D.	Matt black foam Grey plastic Dirty white plastic	Tyre of wheels Roller on joint of wheels Wheels	
E.	Dull grey plastic Soft grey plastic Black plastic	Brake pad Rim of light & axle Bolt on joint of wheels Inner frame & joint of wheels Buckle	
F.	White plastic Black printed snow white plastic Matt grey plastic	Buckle Sewn label Buckle	
G.	Bright black plastic Soft black plastic Flat black plastic	Zipper teeth End of zipper band Frame on seat	
H.	Matt black plastic Sharp black plastic Dirty black plastic	Base of containner Rim on bottom of base of containner Origami & case of screen	
I.	Bright soft black plastic Bright flat black plastic Bright matt black plastic	Rim of joint of axle on frame of origami Joint of axle on frame of origami Base of handle	
J.	Bright sharp black plastic Bright dirty black plastic Dull translucent plastic	Side case of screen & Cover on handle Joint of front wheels Seat Small wheels Inner joint of wheels Tube inner wrapper of iron wire inner joint of wheels & frame Joint on frame	
K.	Black PVC/black fabric Bright black PVC	Bag & seat Cover of jack	
L.	Flat black PVC Dirty sharp black PVC	Cover of screen Rim of joint of axle on frame	



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RESULTS:

DNOP/DINP/DIDP CONTENTS IN TOYS AND CHILDCARE ARTICLES WHICH CAN BE PLACED IN MOUTH BY THE CHILDREN (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 52)

Test Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Test Parameter:	DNOP	DINP	DIDP	Sum of three phthalates	
Limit (%):	0.1	0.1	0.1	0.1	
Sample	Result (%)				Conclusion
A.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
B.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
C.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
D.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
E.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
F.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
G.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
H.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
I.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
J.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
K.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
L.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass

Detection Limit :

DNOP = Di-n-octyl phthalate (0.005%)
 DINP = Di-iso-nonyl phthalate (0.005%)
 DIDP = Di-iso-decyl phthalate (0.005%)

Results reported in percentage

LT = Less than
 ND = None detected