



AB-0716-T
TURT240051338
05-24

TEST REPORT

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REPORT NUMBER : TURT240051338
APPLICANT NAME Bigpoint Kırtasiye San. ve Tic.Ltd.Şti.
ADDRESS Merkez Mah. 29 Ekim Cad.No:53 Bahçelievler/İstanbul
Tel: 0212 551 00 92 Fax:0212 551 09 57
Attention : Efe Yüksel (efe@bigpoint.com.tr)
SAMPLE DESCRIPTION :
Sample 1: One sample of Punch
Sample 2: One sample of Punch
Sample 3: One sample of Punch
Sample 4: One sample of Punch
Sample 5: One sample of Punch
Sample 6: One sample of Punch
DATE IN : 02 May, 2024 (09:07)
DATE OUT : 20 May, 2024
SAMPLE DESCRIPTION : PUNCH
BRAND : BIGPOINT
ITEM NO : BP332-35 , BP332-95 , BP333-35 , BP333-95 , BP334-95 , BP336
MANUFACTURER : NINGBO LISI IMPORT AND EXPORT CO., LTD.
COUNTRY OF ORIGIN : CHINA

İrem YURTVERMEZ YILMAZ
Customer Care Executive

Kerem CAN
Consumer Products Operational
Excellence Director

Intertek Test Hizmetleri A.Ş.
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SAMPLE PHOTOS



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Part No	Tested Part
1	Blue coating (Sample 1&2)
2	Black plastic bottom part(Sample 1&2&3&4&5&6)
3	Black soft plastic upper part (Sample 1&2&3&4&5&6)
4	Black soft plastic on grey coated (Sample 1&2&3&4&5&6)
5	Silver metal screw (Sample 1&2&3&4&5&6)
6	Silver metal small screw (Sample 1&2&3&4&5&6)
7	Silver metal wire (Sample 1&2&3&4&5)
8	Black soft plastic bottom (Sample 1&4)
9	Black soft plastic bottom (Sample 2&3)
10	Black coating (Sample 3&4&5&6)
11	Black soft plastic bottom (Sample 5)
12	Black soft plastic bottom (Sample 6)
13	Silver metal wire (Sample 6)
14	Silver metal thin stick (Sample 6)
15	Silver metal thick stick (Sample 6)
16	Silver metal spring (Sample 6)
17	Metal body (Sample 1)
18	Metal body (Sample 2)
19	Metal body (Sample 3)
20	Metal body (Sample 4)
21	Metal body (Sample 5)
22	Metal body (Sample 6)
23	Metal upper part (Sample 1)
24	Metal upper part (Sample 2)
25	Metal upper part (Sample 3)
26	Metal upper part (Sample 4)
27	Metal upper part (Sample 5)
28	Metal upper part (Sample 6)

Remark: Only suitable parts tested for the related tests.

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RESULTS :

Analysis Parameter	Reference Analysis Method	PASS	FAIL	Norm Limit	Standard for Norm Limit	Failed Item
DETERMINATION OF CERTAIN AROMATIC AMINES DERIVED FROM AZO	EN ISO 14362-1 determined by GC-MS, HPLC-MS	NA	NA	<30 ppm	REACH ANNEX XVII	-
POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) ANALYSIS	IHTM AL.2.032 based on AfPS GS & EN 17132 by GC-MS	P	-	1 ppm	REACH ANNEX XVII	-
DETERMINATION OF CADMIUM CONTENT	IHTM AL.2.222 refer to USEPA 3050B / USEPA 3051A/ US EPA 3052 by acid digestion and determined by ICP-OES	P	-	Metal, Plastic 100 ppm; Coating, print, dye 1000 ppm	REACH ANNEX XVII	-
DETERMINATION OF LEAD CONTENT	IHTM AL.2.222 refer to USEPA 3050B / USEPA 3051A/ US EPA 3052 by acid digestion and determined by ICP-OES	P	-	500 ppm (0.05%)	REACH ANNEX XVII	-
TRIBUTYL TIN (TBT) CONTENT	INTERTEK IHTM AL.2.030 refer to ISO 17353 / BS EN ISO 17353	P	-	1000 ppm (0.1%)	REACH ANNEX XVII	-
RELEASE OF NICKEL FOR COATED ITEM	BS EN 12472 & EN 1811 by ICP-MS Determination	P	-	<0.88 µg/cm ² /week	REACH ANNEX XVII	-
DMFU CONTENT	IHTM AL.2.136 By Solvent Extraction and Chromatographic Analysis using Mass Spectrometry (GC-MS)	NA	NA	1000 ppm (0.1%)	REACH ANNEX XVII	-
DETERMINATION OF BISPHENOL A (BPA) CONTENT	IHTM AL.2.330	NA	NA	≤0.02 ppm	REACH ANNEX XVII	-
DETERMINATION OF CR+VI CONTENT	ISO 17075-2 with HPLC Determination	NA	NA	3 ppm	REACH ANNEX XVII	-
DETERMINATION OF DIETHYLENE GLYCOL MONOBUTYL (DEGBE)	IHTM AL.2.409 refer to EPA 5000 & EPA 5021A with Headspace GC/MS	NA	NA	≤(3%)	REACH ANNEX XVII	-
TOLUENE CONTENT	IHTM AL.2.409 refer to EPA 5000 & EPA 5021A with Headspace GC/MS	NA	NA	≤1000 ppm (0.1%)	REACH ANNEX XVII	-
VINYL CHLORIDE MONOMER(VCM) CONTENT	IHTM AL.2.393 refer to ISO 6401 and GB/T 4615	NA	NA	No Requirement	REACH ANNEX XVII	-

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RESULTS :

Analysis Parameter	Reference Analysis Method	PASS	FAIL	Norm Limit	Standard for Norm Limit	Failed Item
DETERMINATION OF LEAD CARBONATE / SULFATE CONTENT	IHTM AL.2.222 refer to USEPA 3050B / USEPA 3051A/ US EPA 3052 by acid digestion and determined by ICP-OES	NA	NA	Not Detected	REACH ANNEX XVII	-

P = MEETS BUYER' S REQUIREMENT (GEÇTİ) / F = DOES NOT MEET BUYER' S REQUIREMENT (KALDI) / NR = NO REQUIREMENT (SINIR DEĞER BELİRTİLMEDİ) / SC=STILL CONTINUES (TEST İŞLEMİ DEVAM EDİYOR) / X=NOT PERFORMED (TEST EDİLMEDİ) / I = INCONCLUSIVE / NC = NO COMMENT / NA= NOT APPLICABLE

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POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) ANALYSIS

IHTM AL.2.032 based on AfPS GS & EN 17132 by GC-MS

	Part 1	RESULT (mg/kg)	REQUIREMENT
1	Benzo (a) pyrene	Not Detected	1 ppm
2	Benzo (e) pyrene	Not Detected	1 ppm
3	Benzo (a) anthracene	Not Detected	1 ppm
4	Benzo (b) fluoranthene	Not Detected	1 ppm
5	Benzo (j) fluoranthene	Not Detected	1 ppm
6	Benzo (k) fluoranthene	Not Detected	1 ppm
7	Chrysene	Not Detected	1 ppm
8	Dibenzo (a,h) anthracene	Not Detected	1 ppm

	Part 2&3&8	RESULT (mg/kg)	REQUIREMENT
1	Benzo (a) pyrene	Not Detected	1 ppm
2	Benzo (e) pyrene	Not Detected	1 ppm
3	Benzo (a) anthracene	Not Detected	1 ppm
4	Benzo (b) fluoranthene	Not Detected	1 ppm
5	Benzo (j) fluoranthene	Not Detected	1 ppm
6	Benzo (k) fluoranthene	Not Detected	1 ppm
7	Chrysene	Not Detected	1 ppm
8	Dibenzo (a,h) anthracene	Not Detected	1 ppm

	Part 4	RESULT (mg/kg)	REQUIREMENT
1	Benzo (a) pyrene	Not Detected	1 ppm
2	Benzo (e) pyrene	Not Detected	1 ppm
3	Benzo (a) anthracene	Not Detected	1 ppm
4	Benzo (b) fluoranthene	Not Detected	1 ppm
5	Benzo (j) fluoranthene	Not Detected	1 ppm
6	Benzo (k) fluoranthene	Not Detected	1 ppm
7	Chrysene	Not Detected	1 ppm
8	Dibenzo (a,h) anthracene	Not Detected	1 ppm

ppm (part per million) = mg / kg
Detection Limit = 0.1 ppm

Estimated Total Uncertainty = (Textile:±15%, Plastic:±17%)

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POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) ANALYSIS

IHTM AL.2.032 based on AfPS GS & EN 17132 by GC-MS

	Part 9&11&12	RESULT (mg/kg)	REQUIREMENT
1	Benzo (a) pyrene	Not Detected	1 ppm
2	Benzo (e) pyrene	Not Detected	1 ppm
3	Benzo (a) anthracene	Not Detected	1 ppm
4	Benzo (b) fluoranthene	Not Detected	1 ppm
5	Benzo (j) fluoranthene	Not Detected	1 ppm
6	Benzo (k) fluoranthene	Not Detected	1 ppm
7	Chrysene	Not Detected	1 ppm
8	Dibenzo (a,h) anthracene	Not Detected	1 ppm

	Part 10	RESULT (mg/kg)	REQUIREMENT
1	Benzo (a) pyrene	Not Detected	1 ppm
2	Benzo (e) pyrene	Not Detected	1 ppm
3	Benzo (a) anthracene	Not Detected	1 ppm
4	Benzo (b) fluoranthene	Not Detected	1 ppm
5	Benzo (j) fluoranthene	Not Detected	1 ppm
6	Benzo (k) fluoranthene	Not Detected	1 ppm
7	Chrysene	Not Detected	1 ppm
8	Dibenzo (a,h) anthracene	Not Detected	1 ppm

ppm (part per million) = mg / kg
Detection Limit = 0.1 ppm

Estimated Total Uncertainty = (Textile:±15%, Plastic:±17%)

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DETERMINATION OF CADMIUM CONTENT

IHTM AL.2.222 refer to USEPA 3050B / USEPA 3051A/ US EPA 3052 by acid digestion and determined by ICP-OES

	RESULTS	REQUIREMENT
Part 1&10	Not Detected	1000 ppm (0.1%)
Part 2&3&4	Not Detected	100 ppm (0.01%)
Part 8&9	Not Detected	100 ppm (0.01%)
Part 11&12	Not Detected	100 ppm (0.01%)

ppm: =parts per million (mg/kg)
Detection Limit : =8 ppm
% =Percentage based on dry weight of sample

REMARK : As per Cadmium Content Requirement in Annex XVII item 23 of the REACH Regulation (EC) No: 1907/2006 (Formerly Known as Directive 91/338/EEC), Acid Digestion Method was used Total Cadmium Content was determined by ICP-OES

Estimated Total Uncertainty=(Dye: ±16%, Glass: ±16%, Metal: ±16%, Plastic: ±16%, Textile: ±15%)

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DETERMINATION OF LEAD CONTENT

IHTM AL.2.222 refer to USEPA 3050B / USEPA 3051A/ US EPA 3052 by acid digestion and determined by ICP-OES

	RESULTS	REQUIREMENT
Part 1&10	Not Detected	500 ppm (0.05%)
Part 2&3&4	Not Detected	500 ppm (0.05%)
Part 5	Not Detected	500 ppm (0.05%)
Part 6	Not Detected	500 ppm (0.05%)
Part 7	Not Detected	500 ppm (0.05%)
Part 8&9	Not Detected	500 ppm (0.05%)
Part 11&12	Not Detected	500 ppm (0.05%)
Part 13	Not Detected	500 ppm (0.05%)
Part 14	Not Detected	500 ppm (0.05%)
Part 15	Not Detected	500 ppm (0.05%)
Part 16	Not Detected	500 ppm (0.05%)
Part 17	Not Detected	500 ppm (0.05%)
Part 18	Not Detected	500 ppm (0.05%)
Part 19	Not Detected	500 ppm (0.05%)
Part 20	Not Detected	500 ppm (0.05%)
Part 21	Not Detected	500 ppm (0.05%)
Part 22	Not Detected	500 ppm (0.05%)

ppm: =parts per million (mg/kg)
Detection Limit : =8 ppm
% =Percentage based on dry weight of sample

Estimated Total Uncertainty=(Dye: ±16%, Glass: ±16%, Metal: ±16%, Plastic: ±16%, Textile: ±15%)

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TRIBUTYL TIN (TBT) CONTENT

INTERTEK IHTM AL.2.030 refer to ISO 17353 / BS EN ISO 17353

ETHANOL EXTRACTION, DERIVATISATION AND ANALYSIS BY GAS CHROMATOGRAPHY - MASS SPECTROPHOTOMETRY

	RESULTS	REQUIREMENT
Part 2&8&12	Not Detected	1000 ppm (0.1%)
Part 3&9&11	Not Detected	1000 ppm (0.1%)

ppm: parts per million (mg/kg)
Detection Limit : 0.050 ppm

Estimated Total Uncertainty =(Plastic:±19%; Leather:±19%)

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RELEASE OF NICKEL FOR COATED ITEM

BS EN 12472 & EN 1811 by ICP-MS Determination

<u>Tested Component</u>	<u>Trial</u>	<u>Area (cm²)</u>	<u>Final Volume (ml)</u>	<u>Volume (ml)</u>	<u>Result Δ ($\mu\text{g}/\text{cm}^2/\text{week}$)</u>
Part 23	1	77.81	500	290.81	<0.05*
Part 24	1	61.47	500	290.47	<0.05*
Part 25	1	61.47	500	290.47	<0.05*
Part 26	1	77.81	500	290.81	<0.05*
Part 27	1	119.42	2000	900.42	<0.05*
Part 28	1	117.9	2000	917.9	<0.05*

*Due to insufficient sample size, 3 parallel samples could not be tested.

Requirement = 0.88 $\mu\text{g}/\text{cm}^2/\text{week}$

< =Less Than

Detection limit =0.05 $\mu\text{g}/\text{cm}^2/\text{week}$

Remark =Nickel Content Requirement in Annex XVII Item 27 of the Reach Regulation (EC) No:1907/2006 & Amendment No. 552/2009 (Formerly known as Directive 94/27/EC and 2004/96/EC)

Remark :

Δ = According to EN 1811 compliance decision was made based on the following rules.

Result	Interpretation
< 0.88	Compliance (Pass)
$\geq$ 0.88	Non-compliance (Fail)

Estimated Total Uncertainty = ($\pm 8\%$)

END OF TEST REPORT

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