

## TEST REPORT

Applicant: NEWTON (HK) LIMITED  
FLAT 303-4 3/F YEE KUK INDL CTR  
555 YEE KUK ST  
CHEUNG SHA WAN  
KLN HK

Number: HKGH0261020902

Date: Jul 08, 2020

Attn: ZOE HUI

Submitted sample said to be :  
Item Name : **Medcross medical mask (3 layers)**  
Quantity : 20 pcs  
Country of Origin : HKSAR  
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### 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) ASTM F963-17 - Soluble heavy elements test	Pass
(2) ASTM F963-17 - Total Lead content	Pass
(3) U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in non-surface coating materials (substrate)	Pass
(4) US CPSC 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates - Phthalate content	Pass

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



Cindy I.K. Chan  
Vice President



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(1) Heavy Elements Analysis

Test Method : Sections 8.3.2, 8.3.3, 8.3.4 and 8.3.5 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17, acid extraction and analysed by Inductively Coupled Argon Plasma Spectrometry.

Materials other than modelling clay:

	Result (ppm)			Limit (ppm)
	(1)	(2)	(3)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

ppm = parts per million = mg/kg

Tested Components:

- (1) Pale blue non-woven fabric (mask).
- (2) White non-woven fabric (mask).
- (3) White elastic band (mask).

Date sample received : Jun 30, 2020 and Jul 07, 2020

Test Period : Jun 30, 2020 to Jul 08, 2020

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(2) Total Lead (Pb) Content

Test Method : Sections 4.3.5.1(1) and 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17, CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3 or/and CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Substrate:

Tested Component	Result in ppm	Limit in ppm
(1)	<20	100
(2)	<20	100

ppm = parts per million = mg/kg

Tested Components:

- (1) White elastic band (mask).
- (2) White plastic (twist tie) (internal).

Date sample received : Jun 30, 2020 and Jul 07, 2020  
Test Period : Jun 30, 2020 to Jul 08, 2020

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# TEST REPORT

Number : HKGH0261020902

(3) Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

Test Method : Standard Operating Procedures for Determining Total Lead (Pb) in Children's Products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3, analysed by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in ppm	Limit in ppm
(1)	<20	100
(2)	<20	100

ppm = parts per million = mg/kg

Tested Components:

- (1) White elastic band (mask).
- (2) White plastic (twist tie) (internal).

Date sample received : Jun 30, 2020 and Jul 07, 2020

Test Period : Jun 30, 2020 to Jul 08, 2020

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Number : HKGH0261020902

(4) Phthalate Content Test

Test Method : Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.4 was used and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compound	Result (% w/w)	Limit (% w/w)
	(1/2)	
Dibutyl phthalate (DBP)	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	0.1
Diisobutyl phthalate (DIBP)	<0.01	0.1
Di-n-pentyl phthalate (DPP) / (DPENP)	<0.01	0.1
Di-n-hexyl phthalate (DNHP) / (DHEXP)	<0.01	0.1
Dicyclohexyl phthalate (DCHP)	<0.01	0.1

The above limits are quoted from Federal Register, Vol. 82, No. 207, October 27, 2017, Rules and Regulations, Final rule for 16 CFR Part 1307 "Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates" effective from April 25, 2018.

Tested Components:

- (1) White elastic band (mask).
- (2) White plastic (twist tie) (internal).

Date sample received : Jun 30, 2020  
Test Period : Jun 30, 2020 to Jul 05, 2020

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# TEST REPORT

Number : HKGH0261020902



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End of report

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