

## TEST REPORT

Mechanical & Hardgoods Laboratory

Report No : HY/2018/30027

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Date : 2018/03/16

### YU FEN SHENG RUBBER CO., LTD.

NO. 5-1, LANE 197, SEC. 3, DAFU RD., TANZI DISTRICT, TAICHUNG CITY, TAIWAN R.O.C.

#### The following merchandise was submitted & identified by the applicant as:

Type of Product: RUBBER SPONGE BALL  
Style/Item No: E-1, MB-1, MB-2, BTB, SSB, D101, A123  
Country of Origin: TAIWAN  
Date of Sample received: 2018/03/07  
Testing period: 2018/03/08 – 03/16

#### We have tested the submitted sample(s) as requested and the following results were obtained:

##### Test Requested

To determine Polynuclear Aromatic Hydrocarbons contents in the submitted sample.

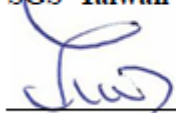
##### Test method

With reference to AfPS GS 2014:01 PAK method. Analysis was performed by GC/MS.

##### Test Results

- Please see the next page(s)

Signed for and on behalf of  
SGS Taiwan Ltd.

  
Iris Huang  
Manager



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### Test Results:

<u>Test items</u>	<u>Unit</u>	<u>MDL</u>	<u>1</u>
Acenaphthene (CAS No.: 83-32-9)	mg/kg	0.2	N.D.
Acenaphthylene (CAS No.: 208-96-8)		0.2	N.D.
Anthracene (CAS No.: 120-12-7)		0.2	N.D.
Benzo[a]anthracene (CAS No.: 56-55-3)		0.2	N.D.
Benzo[a]pyrene (CAS No.: 50-32-8)		0.2	N.D.
Benzo[b]fluoranthene (CAS No.: 205-99-2)		0.2	N.D.
Benzo[g,h,i]perylene (CAS No.: 191-24-2)		0.2	N.D.
Benzo[k]fluoranthene (CAS No.: 207-08-9)		0.2	N.D.
Chrysene (CAS No.: 218-01-9)		0.2	N.D.
Dibenzo[a,h]anthracene (CAS No.: 53-70-3)		0.2	N.D.
Fluoranthene (CAS No.: 206-44-0)		0.2	N.D.
Fluorene (CAS No.: 86-73-7)		0.2	N.D.
Indeno[1,2,3-c,d] pyrene (CAS No.: 193-39-5)		0.2	N.D.
Naphthalene (CAS No.: 91-20-3)		0.2	N.D.
Phenanthrene (CAS No.: 85-01-8)		0.2	N.D.
Pyrene (CAS No.: 129-00-0)		0.2	N.D.
Benzo[j]fluoranthene (CAS No.: 205-82-3)		0.2	N.D.
Benzo[e]pyrene (CAS No.: 192-97-2)		0.2	N.D.
<b>Sum of 18 PAHs</b>		-	N.D.

### Description:

1. Composite of red, blue, black foam of sample.

### NOTE:

- mg/kg = ppm
- N.D.=Not Detected
- MDL=Method Detection Limit
- “-“ = Not Regulated
- Composite test has been performed as per the special request of client
- The chemical analysis was conducted in SGS Taiwan Ltd. Chemical Laboratory-Taipei

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## AfPS (German commission for Product Safety): GS PAHs requirements

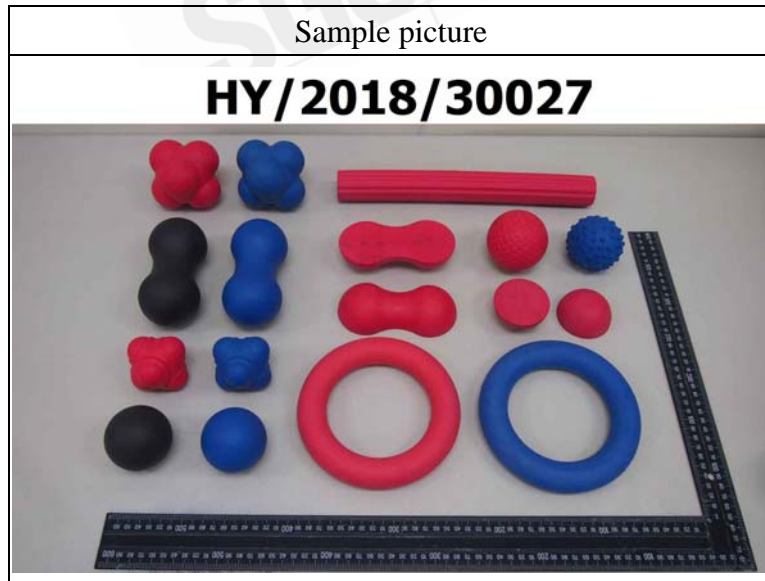
Parameter	Category 1	Category 2		Category 3	
		Toy under 2009/48/EC	Other products under ProdSG	Toy under 2009/48/EC	Other products under ProdSG
	Material indented to be put in the mouth or toys with intended skin contact (longer than 30 s).	Materials not falling under category 1 with foreseeable contact to skin for longer than 30 seconds (long-term skin contact).		Materials not falling under category 1 or 2 with foreseeable contact to skin for less than 30 seconds (short-term skin contact).	
Naphthalene	< 1	< 2		< 10	
Acenaphthylene	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Acenaphthene					
Fluorene					
Phenanthrene					
Anthracene					
Fluoranthene					
Pyrene					
Benzo[a]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[b]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[j]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[k]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[a]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[e]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno[1,2,3-c,d]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo[a,h]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[g,h,i]perylene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Sum of 18 PAH	< 1	< 5	< 10	< 20	< 50

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\*\* End of Report \*\*

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