

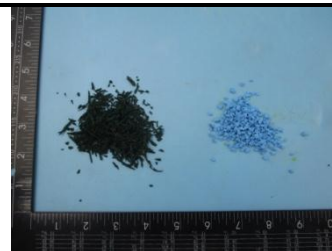


TEST REPORT

Test Report # 18W-001717-S1 Date of Report Issue: April 25, 2018
Date of Sample Received: April 10, 2018 Pages: Page 1 of 6

CLIENT INFORMATION:

Company: Miroad Rubber Industries Sdn Bhd
Address: sales@miroadrubber.com



SAMPLE INFORMATION:

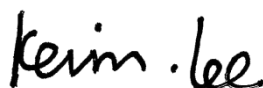
*Product Name: ① EPDM- light Blue ② Pigmented -Green
Model/style No.: -
PO No.: -
Buyer: -
Supplier: -
Country of Distribution: -
Country of Origin: Malaysia
Testing Period: 04/10/2018-04/13/2018

OVERALL RESULT:

 **PASS**

Refer to page 2 for test result summary and appropriate notes.

HANGZHOU ASIAINSPECTION
TESTING TECHNOLOGY CO., LTD



Kevin Lee
Technical Manager





TEST REPORT

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	EN 71-3:2013+A1:2014 Safety of Toys Part 3, Migration of Certain Elements – General Elements

Remark: *Revised information and supersedes the previous report no. 18W-001717 date: 04/13/2018



**DETAILED RESULTS:****EN 71-3:2013+A1:2014 Safety of Toys Part 3, Migration of Certain Elements – General Elements**

Test Method: EN 71-3:2013+A1:2014

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Category III: Scraped-off materials

Specimen No.	1	2	---	---	RL (mg/kg)	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)		
Soluble Aluminum (Al)	590	328	---	---	50	70,000
Soluble Antimony (Sb)	ND	ND	---	---	10	560
Soluble Arsenic (As)	ND	ND	---	---	10	47
Soluble Barium (Ba)	ND	ND	---	---	50	18,750
Soluble Boron (B)	ND	ND	---	---	50	15,000
Soluble Cadmium (Cd)	ND	ND	---	---	5	17
Soluble Chromium (Cr)	ND	ND	---	---	0.2	0.2 ^A
Soluble Cobalt (Co)	ND	ND	---	---	10	130
Soluble Copper (Cu)	ND	ND	---	---	50	7,700
Soluble Lead (Pb)	ND	ND	---	---	10	160
Soluble Manganese (Mn)	ND	ND	---	---	50	15,000
Soluble Mercury (Hg)	ND	ND	---	---	10	94
Soluble Nickel (Ni)	ND	ND	---	---	50	930
Soluble Selenium (Se)	ND	ND	---	---	10	460
Soluble Strontium (Sr)	87	ND	---	---	50	56,000
Soluble Tin (Sn)	ND	ND	---	---	5	180,000 / 4.9 ^B
Soluble Zinc (Zn)	ND	ND	---	---	50	46,000
Conclusion	PASS	PASS	---	---		



*Note:*

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

A = Limit of chromium (VI). When the migration of total chromium [i.e. chromium (III) + chromium (VI)] is below the maximum limit for chromium (VI), it can be inferred that the material complies with the requirements for both chromium (III) and chromium (VI).

B = Adjusted limit of organic tin. The regulatory limit of organic tin is 12 mg/kg. The adjusted limit of organic tin is used when the migration of elemental tin (i.e. both inorganic and organic tin) is inferred that material complies with the requirement of organic tin.





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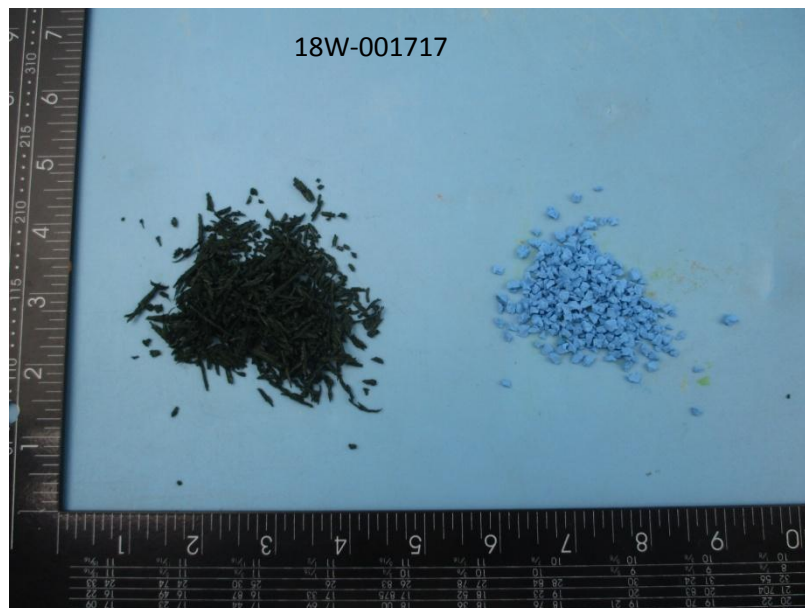
***SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Blue plastic	Raw material(EPDM- light Blue)
2	Green plastic	Raw material(Pigmented -Green)





SAMPLE PHOTO:



-End Report-

