



Test Report

Number : TWNH00062684

Applicant: Jun Lung Rubber Industries Co., Ltd.
No. 11, Gongye N. 2nd Rd.,
Nantou City, Nantou County 54066,
Taiwan, R.O.C.

Date : May 03, 2017

Sample Description:

One (1) group of submitted samples said to be :
Item name : EPDM RUBBER GRANULES
Color : GREEN AND BLUE
Quantity : 2
Country of origin : Taiwan
Date sample received : Apr 18, 2017
Date test started : Apr 18, 2017

Test Conducted:

As requested by the applicant, for details please refer to attached pages.

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted samples	19 Toxic Element Migration Test – As per applicant's provided requirement	Pass

Authorized by:

On Behalf of Intertek Testing Services
Taiwan Limited



Matt Wang
Sr. Manager



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Test Conducted

19 Toxic Element Migration Test

As per applicant's request, submitted samples were immersed in water at room temperature for 1 hour and with reference to EN71-3:2013+A1:2014 and followed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) and Inductively Coupled Plasma Mass Spectrometer (ICP-MS).

Element	Result (mg/kg)		DL (mg/kg)	Limit# (mg/kg)
	(1)	(2)		
Aluminium (Al)	ND	ND	300	70000
Antimony (Sb)	ND	ND	10	560
Arsenic (As)	ND	ND	10	47
Barium (Ba)	ND	ND	10	18750
Boron (B)	ND	ND	50	15000
Cadmium (Cd)	ND	ND	5.0	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	0.1	0.2
Cobalt (Co)	ND	ND	10	130
Copper (Cu)	ND	ND	10	7700
Lead (Pb)	ND	ND	10	160
Manganese (Mn)	ND	ND	10	15000
Mercury (Hg)	ND	ND	10	94
Nickel (Ni)	ND	ND	10	930
Selenium (Se)	ND	ND	10	460
Strontium (Sr)	ND	ND	100	56000
Tin (Sn)	ND	ND	10	180000
Organic tin ⁺⁺	ND	ND	3.0	12
Zinc (Zn)	ND	ND	100	46000

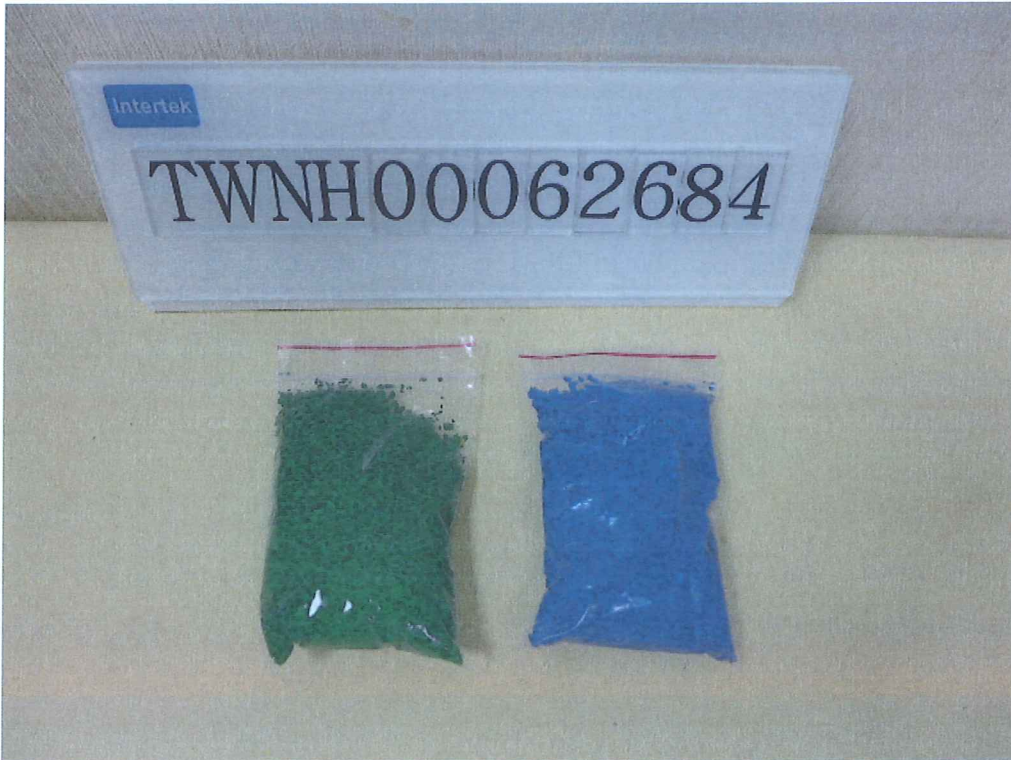
Remarks: - Organic tin test result was expressed as tributyl tin.
⁺⁺ = Unless the test results were marked with "@" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
 mg/kg = milligram per kilogram
 ND = Not detected
 DL = Detection limit
 # = As per applicant's provided requirement

Tested Components:
 (1) Green soft plastic
 (2) Blue soft plastic



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End of Report

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