



**BUREAU  
VERITAS**



# TEST REPORT

**Technical Report:** (5510)068-0853

March 12, 2010

Date Received: March 08, 2010

Page 1 of 6

MS CHANG  
TAI XIANG RUBBER (SHENZHEN) CO LTD  
LISONG LANG INDUSTRIAL AREA GONG MING TOWN  
SHENZHEN CITY  
CHINA

**Sample Description:** Sample(s) received is/are stated to be:  
VULCAPELLET® SI-50

**NB Mat No. & Color Key:** /  
**Color:** LT. YELLOW  
**Style No.:** /  
**Footwear Factory Code:** /  
**Material Type:** /  
**Material Subtype:** /  
**Vendor Name:** /  
**NB China Developer:** /  
**NB US Developer:** /  
**NB Purchase Order No.:** /  
**Country of Origin:** /  
**Country of Destination:** /  
**NB Part Name:** /  
**Season:** /  
**Sample Classification:** /  
**Additional Information:** AGE GROUP: ALL AGE  
PRODUCT END USE: FOR RUBBER SOLE

**Test Period:** March 8, 2010 to March 12, 2010  
**No. of Working Days:** 5  
**Buyer:** NEW BALANCE  
**Report Type:** SUPPLIER INTERNAL  
**Retest No.:** /  
**Overall Conclusion:** PASS

## REMARK

If there are questions or concerns on this report, please contact:

(852) 2494-5783  
nb.bvcpinquiry.hk@hk.bureauveritas.com

BUREAU VERITAS HONG KONG LTD.

DR. LEE SIU MING  
SENIOR MANAGER, CHEMICAL AND ANALYTICAL  
SERVICES

NBL

Bureau Veritas Hong Kong Ltd.  
Consumer Product Services Division  
Kwai Chung Office  
Unit 1219, 12/F., Vanta Industrial Centre,  
21-33 Tai Lin Pai Road, Kwai Chung,  
N.T., Hong Kong  
Telephone: (852) 2418 1222 Fax: (852) 2480 6666  
www.cps.bureauveritas.com

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://cps.bureauveritas.com> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

**The content of this PDF file is in accordance with the original issued reports for reference only.  
This Test Report cannot be reproduced, except in full, without prior written permission of the company.**



Technical Report: **(5510)068-0853**

March 12, 2010

Page 2 of 6

**Photo of the Submitted Sample**



Sample Number  
(5510)068-0853

SUMMARY OF TEST RESULTS			
REQUIREMENT			
TEST REQUESTED – CHEMICAL	CONCLUSION	TEST ITEM(S)	FAILED RESULT(S)
TOTAL HEAVY METALS (Cd, Pb, Hg)	PASS	I001	
AP & APEO	PASS	I001	
ORGANOTINS (TBT & TPhT, MBT, DBT & DOT)	PASS	I001	
PHthalates	PASS	I001	
POLYCYCLIC AROMATIC HYDROCARBONS (PAHS)	PASS	I001	

Note: NA = Not Applicable

NR = Not Requested

**SAMPLE DESCRIPTION ASSIGNED BY LABORATORY:**

ITEM	ITEM DESCRIPTION
I001	Yellow plastic





## TEST RESULT

### SUM OF PHTHALATES

**Test Method** : Extraction with THF/ACN and analysis by Gas Chromatograph Mass Spectrometer (GC-MS), confirmation test by Liquid Chromatograph Mass Spectrometer (LC-MS).

**Tested Item(s)** : I001 Yellow plastic

<b>Maximum Limit:</b>	<b>Children (0 To 12 Years)- BBP, DBP, DEHP, DNOP, DINP, DIDP, DnHP and DIBP: 500 mg/kg (Sum)</b>			
	<b>Adults- BBP, DBP, DEHP, DNOP, DINP, DIDP, DnHP and DIBP: 1000 mg/kg (Sum)</b>			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
I001	ND	ND	mg/kg	PASS

Note:

ND = Not detected

mg/kg = milligram per kilogram

Detection Limit (mg/kg): Each 50

">" = More than

% = percent = 10000 mg/kg

Conc. = Concentration

Remark:

- The list of phthalates is summarized in table of Appendix.

### POLYCYCLIC AROMATIC HYDROCARBONS (PAHS)

**Test Method** : German ZEK 01.2-08

**Tested Item(s)** : I001 Yellow plastic

<b>Maximum Limit:</b>	<b>Benzo (a) pyrene: 1 mg/kg</b>			
	<b>All listed PAHs: 10 mg/kg (Sum)</b>			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
I001	Naphthalene	0.112	mg/kg	PASS
	Sum of all listed PAHs	0.112	mg/kg	

Note:

ND = Not detected

mg/kg = milligram per kilogram

Detection Limit (mg/kg): Each 0.1; Sum 0.1

">" = More than

Conc. = Concentration

Remark:

- The list of polycyclic aromatic hydrocarbons is summarized in table of Appendix.





Technical Report: (5510)068-0853

March 12, 2010

Page 6 of 6

## APPENDIX

### List of Alkylphenols:

No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Octylphenol (OP)	27193-28-8	2	Nonylphenol (NP)	25154-52-3

### List of Alkylphenol Ethoxylates:

No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Octylphenoethoxylates (OPEOs)	9002-93-1	2	Nonylphenoethoxylates (NPEOs)	9016-45-9

### List of Organotin Compounds:

No.	<u>Name of Analytes</u>	No.	<u>Name of Analytes</u>
1	Monobutyltin (MBT)	4	Triphenyltin (TPhT)
2	Dibutyltin (DBT)	5	Dioctyltin (DOT)
3	Tributyltin (TBT)	-	-

### List of Phthalates:

No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Butyl benzyl phthalate (BBP)	85-68-7	5	Di-iso-nonyl phthalate (DINP)	28553-12-0
2	Dibutyl phthalate (DBP)	84-74-2	6	Di-iso-decyl phthalate (DIDP)	26761-40-0
3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	7	Di-isobutyl phthalate (DIBP)	84-69-5
4	Di-n-octyl phthalate (DNOP)	117-84-0	8	Di-n-hexyl phthalate (DnHP)	84-75-3

### List of Polynuclear Aromatic Hydrocarbons:

No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Naphthalene	91-20-3	9	Benzo (a) anthracene	56-55-3
2	Acenaphthylene	208-96-8	10	Chrysene	218-01-9
3	Acenaphthene	83-32-9	11	Benzo (a) pyrene	50-32-8
4	Fluorene	86-73-7	12	Indeno (1,2,3-cd) pyrene	193-39-5
5	Phenanthrene	85-01-8	13	Dibenzo (a,h) anthracene	53-70-3
6	Antracene	120-12-7	14	Benzo (g,h,i) perylene	191-24-2
7	Fluoranthene	206-44-0	15	Benzo (b) fluoranthene	205-99-2
8	Pyrene	129-00-0	16	Benzo (k) fluoranthene	207-08-9