



**BUREAU
VERITAS**



TEST REPORT

Technical Report: (5510)068-0988

March 12, 2010

Date Received: March 08, 2010

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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® S-80

NB Mat No. & Color Key: /
Color: 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 AGES
PRODUCT END USE: FOR RUBBER SOLE

Test Period: March 08, 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:

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BUREAU VERITAS HONG KONG LTD.

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Photo of the Submitted Sample



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

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

Note:

ND = Not detected

">" = More than

Conc. = Concentration

mg/kg = milligram per kilogram

Detection Limit (mg/kg): Each 50

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

Maximum Limit:	Benzo (a) pyrene: 1 mg/kg			
	All listed PAHs: 10 mg/kg (Sum)			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
I001	Naphthalene	2.46	mg/kg	PASS
	Phenanthrene	0.486	mg/kg	
	Sum of all listed PAHs	2.95	mg/kg	

Note:

ND = Not detected

">" = More than

Conc. = Concentration

mg/kg = milligram per kilogram

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

Remark:

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



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.	Name of Analytes	No.	Name of Analytes
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