
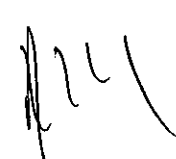


<b>Prüfbericht - Nr.: SHG20090227061</b>		<b>Seite 1 von 4</b>	
Test Report No.:		Page 1 of 4	
<b>Auftraggeber:</b> Client:	Linan Qinghong Rubber & Plastic Co.,LTD. Linchangkou, Hengfan Town, Linan, Zhejiang		
<b>Gegenstand der Prüfung:</b> Test Item:	1. 雨靴, 蓝色 / Rain boot, blue		
<b>Bezeichnung:</b> Identification:	NA		
<b>Anlieferungszustand:</b> Delivery condition:	einwandfrei apparent good	<b>Eingangsdatum:</b> Date of Receipt:	Feb. 27, 2009
<b>Prüfort:</b> Testing Location:	TÜV Rheinland (Shanghai) Co. Ltd.- Product and Environmental Analyses; 3/4F, Building No. 10 Lane 777, Guangzhong Road West Shanghai 200072, P.R.China		
<b>Prüfgrundlage:</b> Test Specification:	1. Nonylphenol (NP) 2. 6 Phthalates 3. Polynuclear Aromatic Hydrocarbons in polymers (PAHs) – BfR's requirement		
<b>Prüfergebnis:</b> Test Result:	Please refer to test pages.		
<b>geprüft/ tested by:</b>		<b>kontrolliert/ checked by:</b>	
			
Mar. 11, 2009	Sally Zhu Chemist	Mar. 11, 2009	Anna Chen Lab Manager
<b>Datum</b> Date	<b>Name</b> Name	<b>Unterschrift</b> Signature	<b>Datum</b> Date
			<b>Name</b> Name
			<b>Unterschrift</b> Signature
<b>Sonstiges/ Other Aspects:</b>			
Test period: Mar. 06, 2009 – Mar. 10, 2009			
Attachment: Photographic documentation			
<b>Abkürzungen:</b>	ok / P = entspricht Prüfgrundlage	<b>Abbreviations:</b>	ok / P = passed
	fail / F = entspricht nicht Prüfgrundlage		fail / F = failed
	n.a. / N = nicht anwendbar		n.a. / N = not applicable
<p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b></p> <p><i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i></p>			

**Prüfbericht - Nr.: SHG20090227061**

Test Report No.:

Seite 2 von 4

Page 2 of 4

## Test Results

**Nonylphenol (NP)**

Test method : Solvent extraction and quantification by gas chromatography-mass selective detector (GC-MSD) QMA36.105. 05SHG

Parameter	CAS No.	unit	Item - 1
Nonylphenol(NP)	84852-15-3 ( <i>tech. mixture</i> )	mg/kg	n.d.

## Remark:

1. "n.d." denotes not detected, less than 5 mg/kg
2. "mg/kg" denotes milligram per kilogram

## Main test instruments used for this method:

Instrument	Manufactory	Model / Type
GC-MS	Agilent Technologies	GC (6890)-MS (5973i)
		GC (6890)-MS (5975)

**Prüfbericht - Nr.: SHG20090227061**

Test Report No.:

Seite 3 von 4

Page 3 of 4

**6 Phthalates**

Test method : Analysis of plastics – 21st notification: detection and quantification of plasticizers; BGESUNDHEITSBL 15 (1972) 136, solvent extraction and quantification by gas chromatography-mass selective detector (GC-MS), (QMA36.105.01SHG)

Phthalates	CAS No.	Unit	Item -1
Dibutyl phthalate (DBP)	84-74-2	%	<0.005
Butyl benzyl phthalate (BBP)	85-68-7	%	<0.005
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	<0.005
Di- <i>n</i> -octyl phthalate (DNOP)	117-84-0	%	<0.005
Di- <i>iso</i> -nonyl phthalate (DINP)	28553-12-0	%	<0.02
Di- <i>iso</i> -decyl phthalate (DIDP)	26761-40-0	%	<0.02

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
GC-MS	Agilent Technologies	GC (6890)-MS (5975)

**Prüfbericht - Nr.: SHG20090227061**  
 Test Report No.:

Seite 4 von 4  
 Page 4 of 4

### 16 Polycyclic Aromatic Hydrocarbons (PAHs) (defined in US EPA Method 610)

Test method : Solvent extraction and quantification by gas chromatography-mass selective detection (GC-MS) with respect to DIN ISO18287 (QMA36.105.04SHG)

Requirement : Convention by representatives of BfR, TÜV-Rheinland, LGA, TÜV- Süd, Stiftung Warentest, and other concerned parties (representatives of trade, manufactures and other institutions) in Berlin, Aug. 02, 2005

Parameter	Unit	Skin contact less than 30 sec	Skin contact more than 30 sec
Benzo(a)pyrene	mg/kg	< 20	< 1
Sum of listed PAHs	mg/kg	< 200	< 10

Parameter	CAS No.	Unit	Item -1
<b>Sum of listed PAHs</b>	--	mg/kg	<b>0.8</b>
Naphthalene	91-20-3	mg/kg	0.8
Acenaphthylene	208-96-8	mg/kg	<0.1
Acenaphthene	83-32-9	mg/kg	<0.1
Fluorene	86-73-7	mg/kg	<0.1
Phenanthrene	85-01-8	mg/kg	<0.1
Anthracene	120-12-7	mg/kg	<0.1
Fluoranthene	206-44-0	mg/kg	<0.1
Pyrene	129-00-0	mg/kg	<0.1
Chrysene	218-01-9	mg/kg	<0.1
Benz(a)anthracene	56-55-3	mg/kg	<0.1
Benzo(b)fluoranthene	205-99-2	mg/kg	<0.1
Benzo(k)fluoranthene	207-08-9	mg/kg	<0.1
<b>Benzo(a)pyrene</b>	<b>50-32-8</b>	mg/kg	<b>&lt;0.1</b>
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	<0.1
Dibenzo(a,h)anthracene	53-70-3	mg/kg	<0.1
Benzo(g,h,i)perylene	191-24-2	mg/kg	<0.1
<b>Summary to above</b>			Pass

Remark:

1. "mg/kg" denotes milligram per kilogram

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
GC-MS	Agilent Technologies	GC (6890)-MS (5973)

End

Attached please find photographic documentation of submitted specimen(s).