



Prüfbericht - Nr.: T1101101210		Seite 1 von 2 Page 1 of 2	
<i>Test Report No.:</i>			
Auftraggeber: <i>Client:</i>	Enzoy Industrial Co., Ltd. No. 29, Ta Der Rd., Hsin Hua, Tainan 712, Taiwan, R.O.C		
Gegenstand der Prüfung: <i>Test Item:</i>	1 foam, black		
Bezeichnung: <i>Identification:</i>	Rubber Sponge		
Anlieferungszustand: <i>Delivery condition:</i>	apparent good	Eingangsdatum: <i>Date of Receipt:</i>	10.01.2011
Prüfört: <i>Testing location:</i>	Laboratories of TUV Rheinland Greater China		
Prüfgrundlage: <i>Test specification:</i>	Testing according to customers specification for the following parameters: Polycyclic Aromatic Hydrocarbons (PAHs)		
Prüfergebnis: <i>Test result:</i>	The test results are the measurements, stated in the test report.		
geprüft: tested by:		kontrolliert: checked by:	
			
25.01.2011	Sunny Hu /Senior Specialist	25.01.2011	Jane Wei /Engineer
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>
			Name/Stellung <i>Name/Position</i>
			Unterschrift <i>Signature</i>
Sonstiges/ Other Aspects:			
Test period: 10.01.2011 – 19.01.2011 This test report repeats test report no. T1101101202.			
Abkürzungen:		Abbreviations:	
ok / P = entspricht Prüfgrundlage		ok / P = passed	
fail / F = entspricht nicht Prüfgrundlage		fail / F = failed	
n.a. / N = nicht anwendbar		n.a. / N = not applicable	
<p>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.</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>			



Test Report No. : T1101101210
 Customer : Enzoy Industrial Co., Ltd.
 Test Method : PAH - ZEK 01.2-08: solvent extraction, determination by GC-MS

25.01.2011

Sample Material Lab.-No.	Rubber Sponge foam / black TCL110110-12			
Parameter	CAS#	Unit	LoD	Result
Acenaphthene	83-32-9	mg/kg	0.1	n.d.
Acenaphthylene	208-96-8	mg/kg	0.1	0.7
Anthracene	120-12-7	mg/kg	0.1	n.d.
Benz[a]anthracene	56-55-3	mg/kg	0.1	n.d.
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	n.d.
Benzo[ghi]perylene	191-24-2	mg/kg	0.1	n.d.
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	n.d.
Chrysene	218-01-9	mg/kg	0.1	n.d.
Dibenz[ah]anthracene	53-70-3	mg/kg	0.1	n.d.
Fluoranthene	206-44-0	mg/kg	0.1	n.d.
Fluorene	86-73-7	mg/kg	0.1	n.d.
Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	0.1	n.d.
Naphthalene	91-20-3	mg/kg	0.1	0.4
Phenanthrene	85-01-8	mg/kg	0.1	0.3
Pyrene	129-00-0	mg/kg	0.1	1.5
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	n.d.
group PAH* (sum)	---	mg/kg	--	2.9

Single components with concentrations below the limit of detection (LoD) are not regarded for calculation of the sum.

According to "Annex XVII to Regulation (EC) No 1907/2006 (REACH)", extender oils may not be placed on the market and used for the production of tyres, if they contain more than 1 mg/kg benzo[a]pyrene (BaP), or more than 10 mg/kg of the sum of all listed PAHs.

Regarding PAH in consumer products the BfR (German Federal Institute for Risk Assessment) recommends to keep the following limits (statement no. 039/2006, dated June 29th 2006):

Parameter	Unit	Skin contact <30 sec	Skin contact >30 sec
Benzo[a]pyrene (CAS# 50-32-8)	mg/kg	20	1
Sum of 16 PAH (acc. US EPA)	mg/kg	200	10

Abbreviations:

n.d. – not detected

LoD – Limit of Detection

Test sample


--- End of Test-Report ---

