

Produkte
 Products

Prüfbericht - Nr.: 50008862 001		Seite 1 von 4	
Test Report No.:		Page 1 of 4	
Auftraggeber: Client:	WONDERFUL PLASTIC LIMITED PARTNERSHIP 259 Moo.12, Klongdan, Bangbo, Samutprakarn 10550		
Gegenstand der Prüfung: Test item:	LDPE		
Bezeichnung: Identification:	N/A	Serien-Nr.: Serial No.:	N/A
Wareneingangs-Nr.: Receipt No.:	A000049384/2	Eingangsdatum: Date of receipt:	11 April 2014
Prüfort: Testing location:	TÜV Rheinland Thailand Ltd. Global Technology Assessment Center Bangkok (GTAC BKK) Ladkrabang Industrial Estate 123/1, Floor 1-2 Soi Chalongsung 31, Lamplatew, Ladkrabang, Bangkok 10520 Thailand		
Prüfgrundlage: Test specification:	Notification of the Ministry of Public Health (No.295) B.E. 2548 (2005). Re: Qualities or standard for container made from plastic (LDPE).		
Prüfergebnis: Test Result:	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). The test item passed the test specification(s).		
Prüflaboratorium: Testing Laboratory:	TÜV Rheinland Thailand Ltd.		
geprüft/ tested by:		kontrolliert/ reviewed by:	
			
30 April 2014	Manunya Polboonsri / Senior Chemist	30 April 2014	Wilawan Sriprom / Softlines Manager
Datum Date	Name/Stellung Name/Position	Unterschrift Signature	Datum Date
			Name/Stellung Name/Position
			Unterschrift Signature
Sonstiges/ Other Aspects:			
Other information:			
Test period: 11 – 30 April 2014			
Delivery Condition: Apparent good			
Abkürzungen:	<i>P(ass)</i> = entspricht Prüfgrundlage	Abbreviations:	<i>P(ass)</i> = passed
	<i>F(ail)</i> = entspricht nicht Prüfgrundlage		<i>F(ail)</i> = failed
	<i>N/A</i> = nicht anwendbar		<i>N/A</i> = not applicable
	<i>N/T</i> = nicht getestet		<i>N/T</i> = not tested
<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>			

Prüfbericht - Nr.: 50008862 001
 Test Report No.:

Seite 2 von 4
 Page 2 of 4

Material list

Material No.	Material	Color	Location
M001	Plastic LDPE	Clear	Refer to photo

Chemical test

Testing Period: 11 - 30 April 2014

Test Item (s)	Method	Analysis by	Unit	MDL	Result (M001)	Requirement	Conclusion
Lead content (Pb)	TIS 656: 2556 Clause 5.4	ICP-MS	mg/kg	0.5	n.d.	100	Pass
Cadmium content (Cd)	TIS 656: 2556 Clause 5.5	ICP-MS	mg/kg	0.5	n.d.	100	Pass
Heavy metal (calculated as lead)	TIS 656: 2556 Clause 4.5	--	mg/dm ²	1	<1	1	Pass
Potassium permanganate used for reaction	TIS 656: 2556 Clause 4.1	--	mg/dm ²	1	n.d.	10	Pass
Residue substances which is evaporate in distilled water	TIS 656: 2556 Clause 4.4	--	mg/dm ²	3	n.d.		Pass
Residue substances which is evaporate in 4% concentrated acetic acid	TIS 656: 2556 Clause 4.4	--	mg/dm ²	3	n.d.	30	Pass
Residue substances which is evaporate in 20% ethanol	TIS 656: 2556 Clause 4.4	--	mg/dm ²	3	n.d.	30	Pass
Residue substances which is evaporate in n-heptane	TIS 656: 2556 Clause 4.4	--	mg/dm ²	3	n.d.	150	Pass

Abbreviation: n.d. denotes Not Detected (<MDL)
 MDL denotes Method Detection Limit
 mg/kg denotes Milligram per kilogram
 mg/dm² denotes Milligram per square decimeter

Prüfbericht - Nr.: 50008862 001
Test Report No.:

Seite 3 von 4
Page 3 of 4

Microbiological test

Testing Period: 11 - 30 April 2014

Test Item (s)	Method	Unit	Result (M001)	Requirement	Conclusion
<i>Staphylococcus aureus</i>	Based on FDA BAM Online (2001), Chapter 12	-/50cm ²	n.d.	n.d.	Pass
<i>Sallmonella spp.</i>	ISO 6579: 2002/Amd.1: 2007 (E)	-/50cm ²	n.d.	n.d.	Pass
<i>Clostridium spp.</i>	Based on FDA BAM Online (2001), Chapter 16	-/50cm ²	n.d.	n.d.	Pass
<i>Bacillus cereus</i>	Based on FDA BAM Online (2012), Chapter 14	-/50cm ²	n.d.	n.d.	Pass

Abbreviation: n.d. denotes Not Detected (<MDL)
-/50cm² denotes Per 50 square centimeter

Requirement: Notification of The Ministry of Public Health, No. 295, B.E. 2548 (2005): Quantities of Standard for container made from plastic.

Remark: The test item was subcontracted to external lab.



Prüfbericht - Nr.: 50008862 001
Test Report No.:

Seite 4 von 4
Page 4 of 4

Sample photo:



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