



Certificate No. T-1849

Industry Services

Prüfbericht - Nr.:
Test Report No.:

IND/BLR/CH/2014/0890

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Auftraggeber: <i>Client:</i>	RENEWSYS Division of Positive Packaging Industries Ltd., Plot No.: 21, 22 & 23, Bommasandra, Jigani Industrial Area, Anekal taluk, Bangalore - 562 106, Karnataka, India				
Gegenstand der Prüfung: <i>Test item:</i>	PRESERV A - WN				
Bezeichnung: <i>Identification:</i>	-	Serien-Nr.: <i>Serial No./Document</i>	PO No. RENEN 14-00576-1 dated 01.02.2014		
		<i>Submitted:</i>			
Wareneingangs-Nr.: <i>Receipt No.:</i>	18022014	Eingangsdatum: <i>Date of receipt:</i>	18.02.2014		
Order No.:	180301	<i>Test Period:</i>	18.02.2014-21.02.2014		
Prüfart: <i>Testing location:</i>	TÜV Rheinland India Pvt Ltd, Plot No.17B, Electronic City, Phase 2, Hosur Road, Bangalore - 560 100, Karnataka, India.				
Prüfgrundlage: <i>Test specification:</i>	RoHS Directive Compliance : Restriction of the use of Hazardous Substances Directive (RoHS-2), 2011/65/EU, Amended directive updated to date.				
Prüfresultat: <i>Test Result:</i>	PASS				
Prüflaboratorium/ Testing Laboratory:					
zusammengestellt/ compiled by:			kontrolliert/ checked by:		
22.02.2014	Rajesh Jain B Technical Head - Material Testing Laboratories, Industry Services		22.02.2014	Nagendra Hebbar Head - Material Testing Laboratories, Industry Services	
Datum <i>Date</i>	Name <i>Name</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name <i>Name</i>	Unterschrift <i>Signature</i>
Sonstiges/ Other Aspects:					
Abkürzungen: ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar			Abbreviations: ok / P = passed fail / F = failed 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. Sampling not done by TUVRI. Test item submitted by client</i></p>					
TUV Rheinland (India) Pvt. Ltd, Plot No 17B, Electronic City Indl. Area, IInd Phase, Hosur Road, Bangalore – 560 100 Tel : +91-80-39234301 / 39234312 Fax : +91-80-30554342					



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TEST RESULTS**Heavy Metals:**

Test Methods: IEC 62321 Ed.,1, 2008, ICP-OES for Total Cadmium, Lead, Mercury, Chromium
IEC 62321 Ed.,1, 2008, Spectrophotometer for Hexavalent Chromium

Test Item description	Unit	Total Cadmium	Hexavalent Chromium	Total Mercury	Total Lead
Sample 001	mg/kg	ND	ND	ND	ND
RoHS Limit, Max.	mg/kg	100	1000	1000	1000

Limit of Detection: Total Cadmium, Lead, Mercury, and Hexavalent Chromium: 1 mg/kg
Abbreviation : "mg/kg" denotes milligram per kilogram, "ND" denotes not detected

PBB's and PBDE's:

Test Methods: IEC 62321 Ed.,1, 2008, GC-MS for PBB's and PBDE's

Flame Retardants		Results, sample 001, mg/kg
PBBs	Bromobiphenyl	ND
	Dibromobiphenyl	ND
	Tribromobiphenyl	ND
	Tetrabromobiphenyl	ND
	Pentabromobiphenyl	ND
	Hexabromobiphenyl	ND
	Heptabromobiphenyl	ND
	Octabromobiphenyl	ND
	Nonabromobiphenyl	ND
	Decabromobiphenyl	ND
	Sum of PBB's	< 2.5
	RoHS Limit, Sum of PBB's	1000
PBDEs	Bromodiphenylether	ND
	Dibromodiphenylether	ND
	Tribromodiphenylether	ND
	Tetrabromodiphenylether	ND
	Pentabromodiphenylether	ND
	Hexabromodiphenylether	ND
	Heptabromodiphenylether	ND
	Octabromodiphenylether	ND
	Nonabromodiphenylether	ND
	Decabromodiphenyl ether	ND
	Sum of PBDE's	< 2.5
	RoHS Limit, Sum of PBDE's	1000

Limit of Detection : PBB's & PBDE's - 2.5 mg/kg
Abbreviation : "mg/kg" denotes milligram per kilogram, "ND" denotes not detected

Remarks: The submitted product tested above comply with the requirements of 2011/65/EU, RoHS 2 directive (Earlier 2002/95/EC, RoHS directive)



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Test Item Photographs :



Fig.1: Test Item Photograph

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