

Test Report

No. : KE/2011/83200 Date : 2011/08/30 Page : 1 of 4

PT. INDAH KIAT PULP & PAPER TBK.
JL. RAYA SERANG KM. 76, SERANG 42184 BANTEN-INDONESIA



The following sample(s) was/were submitted and identified by/on behalf of the client as :

Sample Description : SINARFOLD
Color : WHITE
Job No. : JKT-ML/HL/08/11/1400
ID No. : ML08111400-6761
Sample Receiving Date : 2011/08/25
Testing Period : 2011/08/25 TO 2011/08/30
Sample Submitted By : P.T. SGS INDONESIA

Test Result(s) : Please refer to next page(s).


Ray Chang / Asst. Manager
Signed for and on behalf of
SGS Taiwan Limited



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

No. : KE/2011/83200 Date : 2011/08/30 Page : 2 of 4

PT. INDAH KIAT PULP & PAPER TBK.
JL. RAYA SERANG KM. 76, SERANG 42184 BANTEN-INDONESIA



Test Result(s)

PART NAME NO.1 : WHITE PAPER

Test Item (s):	Unit	Method	MDL	Result	Limit
				No.1	
94/62/EC (Heavy metal content)					
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	-
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	-
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	-
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.	-
Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI)	mg/kg	Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI) (94/62/EC)	-	n.d.	100
TPCH (Heavy metal content)					
Cadmium (Cd)	mg/kg	Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry	2	n.d.	-
Lead (Pb)	mg/kg	Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry	2	n.d.	-
Mercury (Hg)	mg/kg	Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry	2	n.d.	-
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	Acid Digestion Followed By Analysis With Inductively Coupled Argon Plasma Spectrometry	2	n.d.	-
Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI)	mg/kg	Total Cadmium + Lead + Mercury + Hexavalent Chromium Cr(VI) (TPCH)	-	n.d.	100

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

No. : KE/2011/83200 Date : 2011/08/30 Page : 3 of 4

PT. INDAH KIAT PULP & PAPER TBK.
JL. RAYA SERANG KM. 76, SERANG 42184 BANTEN-INDONESIA



Test Item (s):	Unit	Method	MDL	Result	RoHS Limit
				No.1	
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	100
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	1000
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.	1000
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.	1000
Sum of PBBs	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.	1000
Monobromobiphenyl			5	n.d.	-
Dibromobiphenyl			5	n.d.	-
Tribromobiphenyl			5	n.d.	-
Tetrabromobiphenyl			5	n.d.	-
Pentabromobiphenyl			5	n.d.	-
Hexabromobiphenyl			5	n.d.	-
Heptabromobiphenyl			5	n.d.	-
Octabromobiphenyl			5	n.d.	-
Nonabromobiphenyl			5	n.d.	-
Decabromobiphenyl			5	n.d.	-
Sum of PBDEs			mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-
Monobromodiphenyl ether	5	n.d.			-
Dibromodiphenyl ether	5	n.d.			-
Tribromodiphenyl ether	5	n.d.			-
Tetrabromodiphenyl ether	5	n.d.			-
Pentabromodiphenyl ether	5	n.d.			-
Hexabromodiphenyl ether	5	n.d.			-
Heptabromodiphenyl ether	5	n.d.			-
Octabromodiphenyl ether	5	n.d.			-
Nonabromodiphenyl ether	5	n.d.			-
Decabromodiphenyl ether	5	n.d.			-

- Note :
1. mg/kg = ppm ; 0.1wt% = 1000ppm
 2. n.d. = Not Detected
 3. MDL = Method Detection Limit
 4. " - " = Not Regulated
 5. The test(s) was/were subcontracted to SGS Taiwan.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

No. : KE/2011/83200 Date : 2011/08/30 Page : 4 of 4

PT. INDAH KIAT PULP & PAPER TBK.

JL. RAYA SERANG KM. 76, SERANG 42184 BANTEN-INDONESIA



KE/2011/83200



**** End of Report ****

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.