

**TEST REPORT**

No. 10052975/06(5)

Date : 28 Apr 2006

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Nelco Products Pte Ltd  
4 Gul Crescent, Jurong  
Singapore 629520

Attn : Mr Lee Kok Wee

The following samples were submitted and identified by the client as:

Sample Name : Plastic Sheets  
Sample Description : Laminate Sample N4000-12  
Label No. : -12

Sample Received : 20 Apr 2006  
Testing Date : 20 to 28 Apr 2006

Test Requested :  
1) To determine the Hexavalent Chromium Content on the submitted sample.  
2) To determine the Cadmium Content on the submitted sample.  
3) To determine the Mercury Content on the submitted sample  
4) To determine the Lead Content on the submitted sample  
5) To determine PBBs (Polybrominated biphenyls) and PBDEs (Polybrominated diphenylethers) Content of the submitted sample.

Test Method :  
1) With reference to SGS in-house Method RSTS E&E 004 (Standard:EPA 3060A/7196A), the analysis was performed colorimetrically by UV-Visible Spectrophotometer  
2) With reference to SGS in-house Method RSTS E&E 004 the analysis was performed by Inductively Coupled Plasma-Atomic Emission Spectrometry  
3) With reference to SGS in-house Method RSTS E&E 004 the analysis was performed by Inductively Coupled Plasma-Atomic Emission Spectrometry  
4) With reference to SGS in-house Method RSTS E&E 004 the analysis was performed by Inductively Coupled Plasma-Atomic Emission Spectrometry  
4) With reference to SGS in-house Method RSTS E&E 004 (Standard : EPA 3540C/3550C), the analysis was performed by Gas Chromatography-Mass Spectrometer.

Test Results : Please refer to next page

Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd

  
Y.C. Tham  
Laboratory Manager

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**Test Results:**

1-4)

Test Item (s)	Result	Unit	Detection Limit
Chromium VI (Cr <sup>+6</sup> )	N D	mg/kg	2
Cadmium (Cd)	N D	mg/kg	2
Mercury (Hg)	N D	mg/kg	2
Lead (Pb)	10.4	mg/kg	2

(Results shown are based on total weight of samples)

5)

Flame Retardants	Result	Detection Limit	Limit
<b>Polybrominated Biphenyls (Mono - Deca)</b>	N D	50 mg/kg	1000 mg/kg
Mono bromobiphenyl	N D	5 mg/kg	--
Dibromobiphenyl	N D	5 mg/kg	--
Tribromobiphenyl	N D	5 mg/kg	--
Tetrabromobiphenyl	N D	5 mg/kg	--
Pentabromobiphenyl	N D	5 mg/kg	--
Hexabromobiphenyl	N D	5 mg/kg	--
Heptabromobiphenyl	N D	5 mg/kg	--
Octabromobiphenyl	N D	5 mg/kg	--
Nonabromobiphenyl	N D	5 mg/kg	--
Decabromobiphenyl	N D	5 mg/kg	--

<b>Polybrominated Diphenyl Ethers (Mono - Nona)</b>	N D	45 mg/kg	1000 mg/kg
Monobromodiphenyl ether	N D	5 mg/kg	--
Dibromodiphenyl ether	N D	5 mg/kg	--
Tribromodiphenyl ether	N D	5 mg/kg	--
Tetrabromodiphenyl ether	N D	5 mg/kg	--
Pentabromodiphenyl ether	N D	5 mg/kg	--
Hexabromodiphenyl ether	N D	5 mg/kg	--
Heptabromodiphenyl ether	N D	5 mg/kg	--
Octabromodiphenyl ether	N D	5 mg/kg	--
Nonabromodiphenyl ether	N D	5 mg/kg	--
Decabromodiphenyl ether*	N D	5 mg/kg	--

Note : mg/kg = ppm  
 ND = Not Detected (reading is less than detection limit value)

Remark : \* Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC

\*\*\*End of Report\*\*\*

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