



TEST REPORT

Report No : SP910-0249

To : **PERCEPTIVE PROFILE SDN BHD**
PT 19251, P'siaran Batu Gajah Perdana 10
Taman Perindustrian Batu Gajah Perdana,
31550 Pusing, Perak.
Attn : Mr Cheah Choong Yueh (MD)

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Date Of Issue : 20/10/2009

Customer's Sample Description :

PRODUCT : PVC EDGING
CODE / GRADE : SC - LF



Date Of Sample Received : 14/10/2009
Date Of Testing : 14/10/2009 To 20/10/2009

Objective of Test

To determine the concentration of Cadmium, Lead, Mercury and Hexavalent Chromium in accordance with EU Directive 2002/95/EC (RoHS).

Standard Method / Equipment / Technique Description

IEC 62321, Ed.1 : 2008 Electrotechnical Products - Determination of Levels of Six Regulated Substances (Cadmium, Lead, Mercury, Hexavalent Chromium, Polybrominated Biphenyls, Polybrominated Diphenyl Ethers)		
Standard Method	Method Description / Title	Flow Chart
IEC 62321, Ed.1, Section 8	Determination of Lead and Cadmium in polymers by ICP-OES, ICP-MS and AAS	Appendix H3
IEC 62321, Ed.1, Section 7	Determination of Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS	
IEC 62321, Ed.1 (Annex C)	Determination of Hexavalent Chromium (Cr(VI)) in polymers and electronics by the colorimetric method	Appendix I2

Analysis Result

Type of Analysis/ Parameters/ Properties measured	Analysis Results	Unit	Preconditioning Method / Technique	Equipment Used	LOQ; mg/kg	RoHS Limit; mg/kg
Cadmium (as Cd)	ND	mg/kg	IEC 62321, Ed.1, Section 8	ICP-AES	2	100
Lead (as Pb)	ND				5	1000
Mercury (as Hg)	ND				10	1000
Hexavalent Chromium (as Cr ⁶⁺)	ND		IEC 62321, Ed.1, (Annex C)	UV-VIS Spectrometer	5	1000

Remark : The test portion was "Totally Dissolved" for Cadmium, Lead & Mercury test by using pre-conditioning method as mentioned above.

Conclusion : The sample analysis results were not exceed the maximum concentration values for Cd, Pb, Hg and Cr⁶⁺ as stipulated in amendment 2005/618/EC of EU Directive 2002/95/EC (RoHS).

For NM LABORATORY SDN. BHD.

Test performed by : Khoh Wai Hwa

Approved By : _____

Yeap Cheo Mooi, M. Sc., AMIC
Operation Manager
IKM No. A/1913/4300/2002

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