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LABORATORY TESTINGS AND ANALYSIS CONSULTANCY

MS ISO/IEC 17025
TESTING
SAMM NO. 188

TEST REPORT

Report No : SP910-0250

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)

Page No : 1 of 1

Date Of Issue : 20/10/2009

Customer's Sample Description :
PRODUCT : PVC EDGING
CODE / GRADE : WG - 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)	7				5	1000
Mercury (as Hg)	ND		IEC 62321,Ed.1,Section 7		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 Cr^{6+} 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

- End of Report -

NOTE: The above analysis results relate only to the sample(s) submitted by customer.
ND means not detected or below stated LOQ (Limit Of Quantitation) / MDL (Method Detection Limits). Symbol "<" denotes less than. Symbol " ★ " Denotes Non SAMM Accredited Test.