



Test Report

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Applicant NANJING DEMETER RUBBER & PLASTIC Co., Ltd

Address 225 kangle road, Chunxi town, Gaochun district, Nanjing

Sample Information

Sample Name Calvo matting with printing black

*The information above is provided and confirmed by the applicant.

Sample Received Date Dec.11.2020

Testing Period Dec.11.2020 to Dec.22.2020

Testing Requested

As per client's request,

(1) to determine the RoHS 6 (Pb,Cd,Hg,Cr⁶⁺, PBBs, PBDEs) in the submitted sample according to RoHS Directive 2011/65/EU Annex II.

(2) to determine the Chlorine (Cl) in the submitted sample according to EN 14582:2016.

(3) to determine the Short-chain chlorinated paraffin(SCCP) in the submitted sample according to SN/T 3814-2014.

(4) to determine the Perfluorooctane sulfonyl compounds(PFOS) in the submitted sample according to EPA 3550C: 2007&8270E: 2018.

(5) to determine the Hexabromocyclododecane(HBCDD) in the submitted sample according to EPA 3550C:2007&EPA 8270E:2018.

(6) to determine the Asbestos content in the submitted sample according to ISO 22262-1:2012.

(7) to determine the Polychlorinated biphenyls, Chlorofluorocarbons, Chlorofluorocarbons, Carbon tetrachloride, Trichloroethane, Halon, Methyl bromide, Bromochloromethane, Hydrobromofluorocarbons in the submitted sample according to EPA8082A-2007&HJ/T 225-2005.

Testing Results

Please refer to next page(s)

Signer: _____

Date: Dec.23.2020

[Website of verification report: CNCA verification platform yz.cnca.cn](http://www.cnca.gov.cn)



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Determination of RoHS 6 (unit: mg/kg)

- Testing method**
- (1) With reference to IEC 62321-3-1:2013. By XRF for measuring;
 - (2) With reference to IEC 62321-5:2013. By ICP-OES for measuring;
 - (3) With reference to IEC 62321-4: 2013+Amd1: 2017. By ICP-OES for measuring;
 - (4) With reference to IEC 62321-7-2:2017. By UV-VIS for measuring;
 - (5) With reference to IEC 62321-6:2015. By GC-MS for measuring.

Testing Item(s)	MDL	Limit	Result
Lead (Pb)	2	1000	ND
Cadmium (Cd)	2	100	ND
Mercury (Hg)	2	1000	ND
Chromium(VI) (Cr ⁶⁺)	8	1000	ND
Polybrominated Biphenyls (PBBs)	—	1000	ND
Polybrominated Diphenyl Ethers (PBDEs)	—	1000	ND

- Note:**
- (1) "—" =Not Regulated
 - (2) Polybrominated Biphenyls、 Polybrominated Diphenyl Ethers list,and detection limit (MDL)

Polybrominated Biphenyls (PBBs)	MDL	Polybrominated Diphenyl Ethers (PBDEs)	MDL
Bromobiphenyl	5	Bromobiphenyl ether	5
Dibromobiphenyl	5	Dibromobiphenyl ether	5
Tribromobiphenyl	5	Tribromobiphenyl ether	5
Tetrabromobiphenyl	5	Tetrabromodiphenyl ether	5
Pentabromobiphenyl	5	Pentabromodiphenyl ether	5
Hexabromobiphenyl	5	Hexabromodiphenyl ether	5
Heptabromobiphenyl	5	Heptabromodiphenyl ether	5
Octabromobiphenyl	5	Octabromobiphenyl ether	5
Nonabromobiphenyl	5	Nonabromobiphenyl ether	5
Decabromodiphenyl	5	Decabromobiphenyl ether	5

2.Determination of Chlorine (Cl) (unit: mg/kg)

Testing method With reference to EN 14582:2016.By IC for measuring.

Testing Item(s)	MDL	Results
Chlorine (Cl)	50	170

3.Determination of Short chain chlorinated paraffin (SCCP) (unit: mg/kg)

Testing method With reference to SN/T 3814-2014 for measurin.

Testing Item(s)	MDL	Results
Short chain chlorinated paraffin (SCCP)	20	ND



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4.Determination of Perfluorooctane sulfonyl compounds(PFOS) (unit: mg/kg)

Testing method With reference to EPA 3550C: 2007&8270E: 2018. By LC-MS-MS for measuring.

Testing Item(s)	MDL	Results
Perfluorooctane sulfonyl compounds(PFOS)	10	ND

5.Determination of HexabromocyclodoMarane (HBCDD) (unit: mg/kg)

Testing method With reference to EPA 3550C: 2007&8270E: 2018 for measuring.

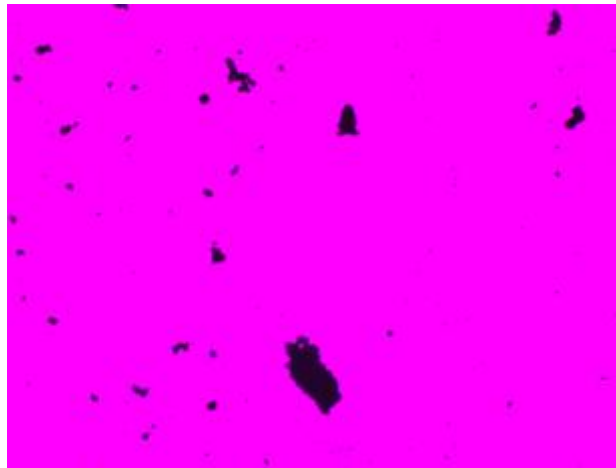
Testing Item(s)	MDL	Results
HexabromocyclodoMarane (HBCDD)	10	ND

6.Determination of Asbestos content (unit: %)

Testing method With reference to ISO 22262-1:2012 for measuring.

Testing Item(s)	CAS No.	MDL	Results
Chrysotile	12001-29-5	0.1	ND
Crocidolite	12001-28-4	0.1	ND
Iron asbestos	12172-73-5	0.1	ND
Amphibole asbestos	77536-67-5	0.1	ND
Tremolite asbestos	77536-68-6	0.1	ND
Actinolite asbestos	77536-66-4	0.1	ND

PLM spectrum (100 times)





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7. Test results (unit: mg/kg)

Testing method With reference to EPA8082A-2007&HJ/T 225-2005 (headspace / GC-MS) for measuring.

Testing Item(s)	MDL	Results
Polychlorinated biphenyls	5	ND
Chlorofluorocarbons	5	ND
Chlorofluorocarbon	5	ND
Carbon tetrachloride	5	ND
richloroethane	5	ND
Halon	5	ND
Methyl bromide	5	ND
Bromochloromethane	5	ND
Hydrobromofluorocarbons	5	ND

- Note:
- (1) 1mg/kg=1ppm=0.0001%
 - (2) MDL=Method Detection Limit
 - (3) ND=Not Detected (<MDL)





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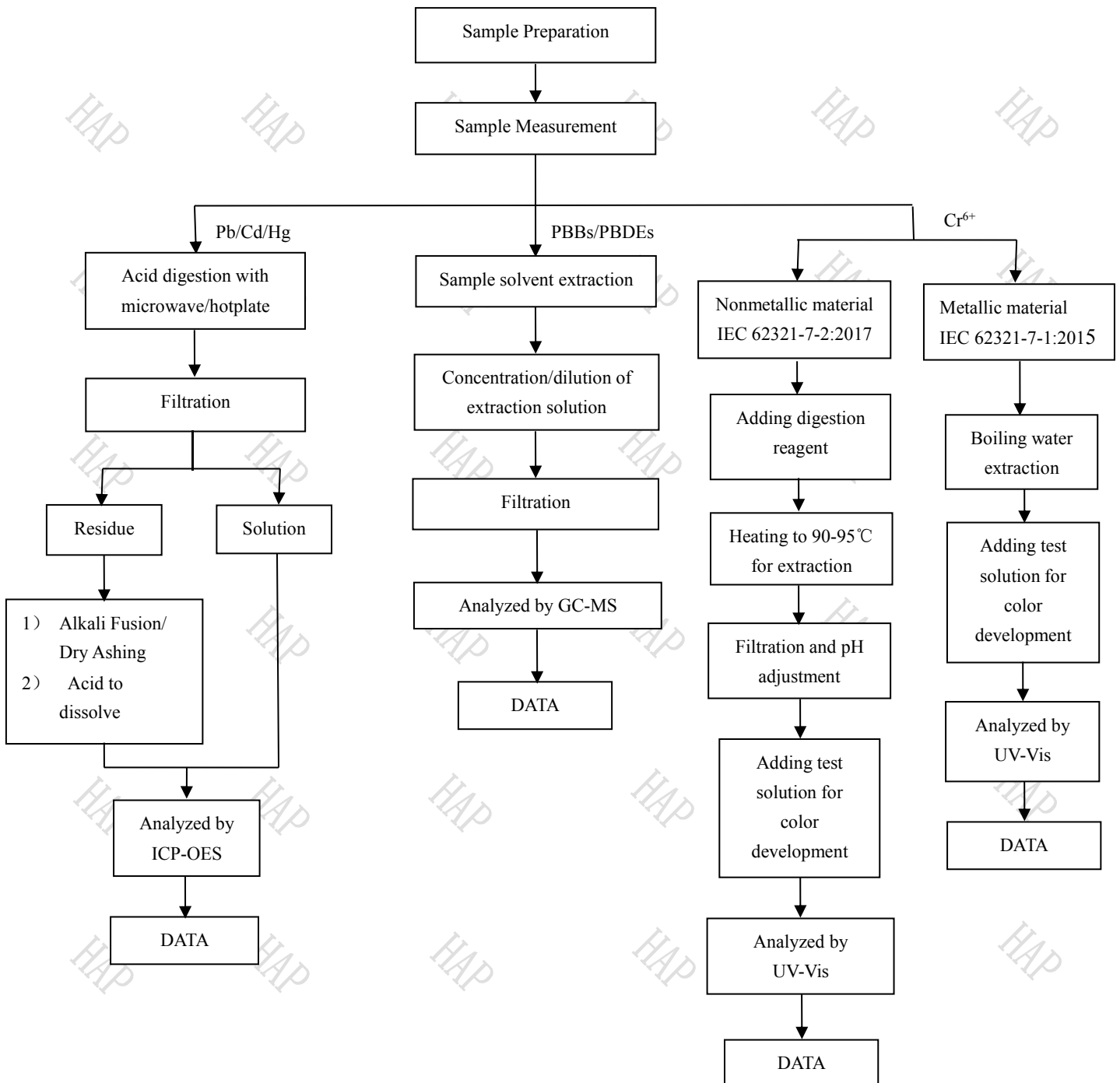
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Annex

RoHS Testing Flow Chart

The sample was dissolved totally according to the following procedure (except for Hexavalent Chromium (Cr^{6+}), The sum of Polybrominated Biphenyls(PBBs) and The sum of Polybrominated Diphenyl Ethers(PBDEs) tests).



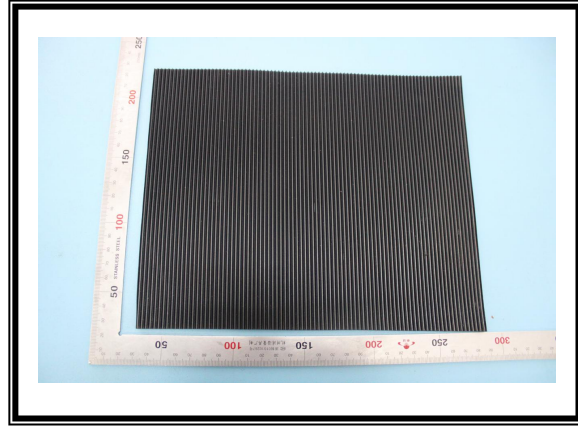


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Sample photo:



End of report





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