TEST REPORT

ROHS

RoHS 2.0 Directive 2011/65/EU Annex II as last amended by Directive (EU) 2023/1437

Testing Laboratory	
Name..... :	Shenzhen CTG tesing co.,ltd
Address..... :	3/F, Yongxing Plastic Plant, No.11. Waihuan Road, Shiyan Street, Bao'an District Shenzhen, Guangdong, China
Testing location..... :	Shenzhen CTG tesing co.,ltd
Date of issue	2025-08-14
Applicant	
name..... :	MC technology
Address..... :	Polig.Ind. La Albergueria, C/ Jaime Velasco n.17–31230–Viana–Navarra - España
Test specification:	
Standard.....:	Selected test (s) in the selected parts as requested by client with the RoHS 2.0 Directive 2011/65/EU Annex II (EU) 2015/863 as last amended by Directive (EU) 2017/2102.
Test procedure..... :	Entrusted inspection
Non-standard test method……..:	N/A
Test item	
Description..... :	Distribuidor Completo
Model and/or type reference..... :	75mm
Additional models.....:	/
Trademark .....:	MC ® Technology S.L.
Manufacturer ..... :	Chuangshi Lianxiang New Material Technology(Shandong)Co., Ltd
Address ……:	Dashan Road,Lanshan Industrial Zone,Linyi City,Shandong Province，China
Test sample(s) received	2025-08-07
Test in period	2025-08-07--2025-08-14
Test item particulars	
Classification of installation and use:	N/A
Supply Connection.....:	N/A
Possible test case verdicts	
- test case does not apply to the test object :	N(.A)
- test object does meet the requirement :	P(Pass)
- test object does not meet the requirement :	F(Fail)

Summary of testing:

The product has been tested according to standard

IEC 62321-4:2013+AMD1:2017 CSV, IEC 62321-5:2013,
IEC 62321-6:2015, IEC 62321-7-1:2015,
IEC 62321-7-2:2017, IEC 62321-8:2017

Rating:

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- Tests performed on the bench
- Maximum ambient temperature: +25℃
- Tested for moderate conditions

Prepared by : Gloria
Engineer

Reviewer :
Supervisor

Approved & Authorized Signer :
Manager

Test Content:

Test Item(s)	Test Method	Reference	Unit	Limit	MDL
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	mg/kg	100	2
Lead(Pb)	IEC 62321-5:2013	ICP-OES	mg/kg	1000	2
Mercury(Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES	mg/kg	1000	2
Hexavalent Chromium(CrVI) (Metal)	IEC 62321-7-1:2015	UV-Vis	μg/cm^2	0.29	0.1
Hexavalent Chromium(CrVI) (Nonmetal)	IEC 62321-7-2:2017	UV-Vis	mg/kg	1000	8
PBBs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	5
PBDEs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	5
Dibutyl Phthalate(DBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Butyl benzyl phthalate (BBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Di-(2-ethylhexyl) Phthalate(DEHP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Diisobutyl phthalate (DIBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30

PBBs		PBDEs	
Monobromobiphenyl	Hexabromobiphenyl	Monobromodiphenyl ether	Hexabromodiphenyl ether
Dibromobiphenyl	Heptabromobiphenyl	Dibromodiphenyl ether	Heptabromodiphenyl ether
Tribromobiphenyl	Octabromobiphenyl	Tribromodiphenyl ether	Octabromodiphenyl ether
Tetrabromobiphenyl	Nonabromobiphenyl	Tetrabromodiphenyl ether	Nonabromodiphenyl ether
Pentabromobiphenyl	Decabromobiphenyl	Pentabromodiphenyl ether	Decabromodiphenyl ether

Sample Description:

No.	Description	Location
1	Plastic	Red plastic
2	Plastic	Black plastic
3	Plastic	Green plastics

Test Result

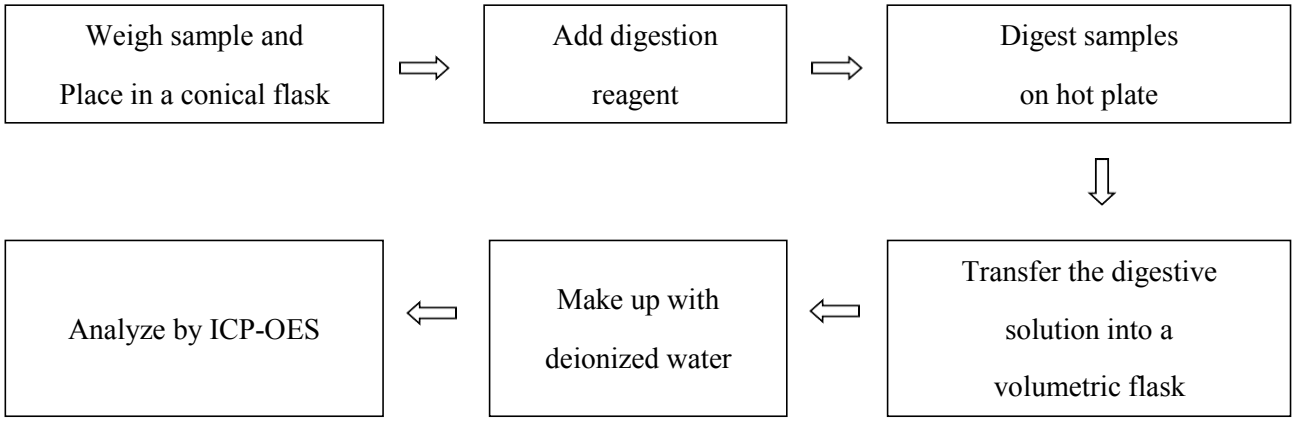
Test Item(s)	**No.1**	**No.2**	**No.3**	/	/	/
Cadmium (Cd)	N.D.	N.D.	N.D.	/	/	/
Lead (Pb)	N.D.	N.D.	N.D.	/	/	/
Mercury (Hg)	N.D.	N.D.	N.D.	/	/	/
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	/	/	/
PBBs	N.D.	N.D.	N.D.	/	/	/
PBDEs	N.D.	N.D.	N.D.	/	/	/
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	/	/	/
Butyl benzyl phthalate (BBP)	N.D.	N.D.	N.D.	/	/	/
Di-(2-ethylhexyl) Phthalate(DEHP)	N.D.	N.D.	N.D.	/	/	/
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	/	/	/
Conclusion	Pass	Pass	Pass	/		

Note:

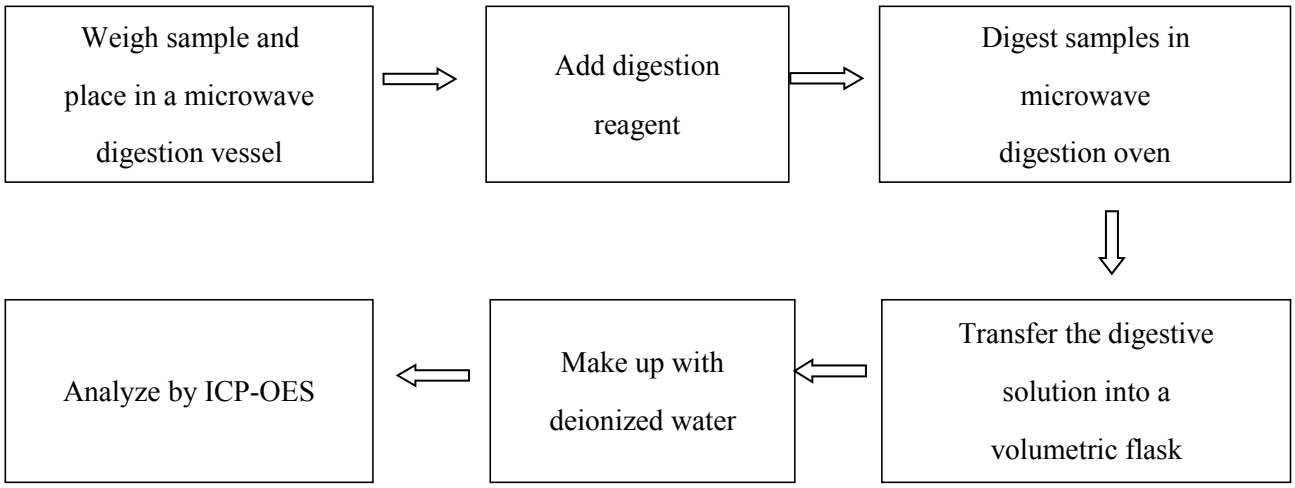
1. mg/kg= ppm
2. N.D.= Not Detected(<MDL)
3. MDL = Method Detection Limit
4. -- = No Testing
5. when Cr(VI) in a sample is detected below the 0.10 μg/cm^2 LOQ (limit of quantification), the sample is considered to be negative for Cr(VI). Since Cr(VI) may not be uniformly distributed in the coating even within the same sample batch, a "grey zone" between 0.10 μg/cm^2 and 0.29 μg/cm^2 has been established as "inconclusive" to reduce inconsistent results due to unavoidable coating variations. In this case, additional testing may be necessary to confirm the presence of Cr(VI). When Cr(VI) is detected above 0.29 μg/cm^2, the sample is considered to be positive for the presence of Cr(VI) in the coating layer. unavoidable coating variations may influence the determination Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.
6. Glass pot with boiling water, and then with room temperature 20-30 degrees Celsius water pouring, no cracks and damage after observation

Test Process:

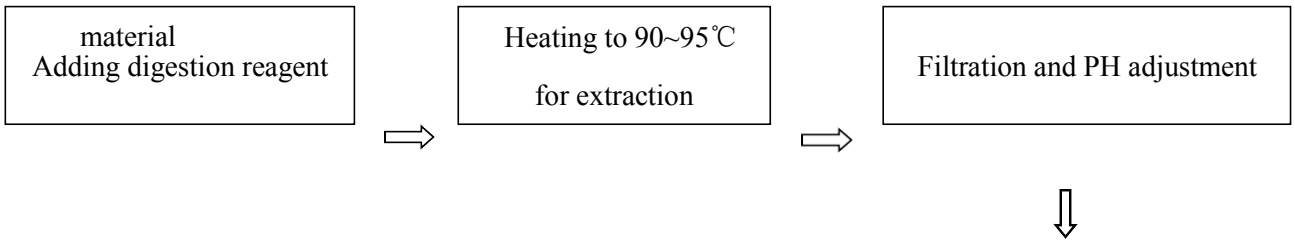
1. Test for Cd/Pb Content

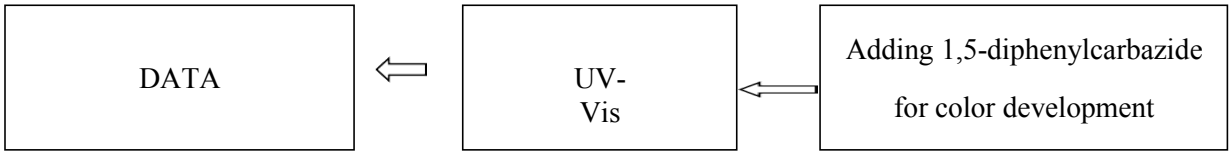


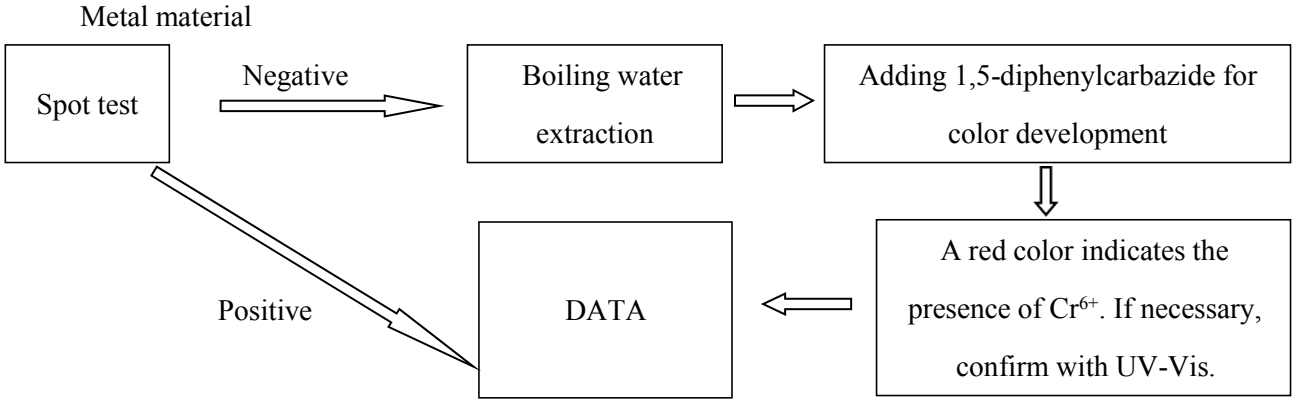
2. Test for Hg Content



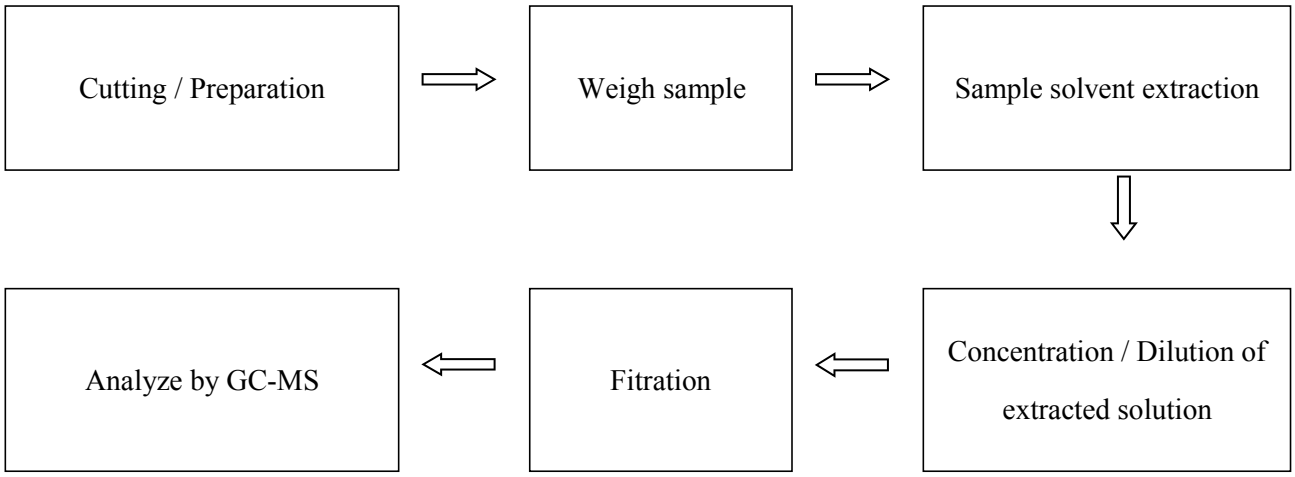
3. Test for Chromium (VI) Content Nonmetal







4. Test for DBP, BBP, DEHP, DIBP, PBB, PBDE Content



Sample Photos

*** End of Report ***

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