

Prüfbericht - Nr.: 0114058887p5 002 <i>Test Report No.:</i>			Seite 1 von 5 <i>Page 1 of 5</i>														
Auftraggeber: Chi Mei Corporation <i>Client:</i> 59-1, San Chia, Jen Te, Tainan City 71702, Taiwan, R.O.C.																	
Gegenstand der Prüfung: STYRENE-BUTADIENE COPOLYMER (Q-resin) <i>Test Item:</i>																	
Bezeichnung: KIBITON® PB-5903 <i>Identification:</i>																	
Anlieferungszustand: apparent good <i>Delivery condition:</i>		Eingangsdatum: 2016-12-08, 2016-12-27 <i>Date of Receipt:</i>															
Prüfart: TÜV Rheinland (Shanghai) Co., Ltd. <i>Testing location:</i>																	
Prüfgrundlage: According to RoHS (recast): Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU last amended by (EU) 2015/863: Total Content of Lead, Cadmium, Mercury, Chromium VI, Polybrominated Biphenyls, Polybrominated Diphenyl Ethers; and Benzylbutyl phthalate (BBP), Dibutyl phthalate (DBP), Bis(2-ethylhexyl) phthalate (DEHP), Diisobutyl phthalate (DIBP) <i>Test specification:</i>																	
Prüfergebnis: According to the kind and extend of tests performed the above mentioned test item passed the test specification. <i>Test result:</i>																	
geprüft: tested by:  2017-01-05 Anne Chen /Coordinator kontrolliert: checked by:  2017-01-05 Carl Chang /Department Manager																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Datum <i>Date</i></th> <th style="width: 30%;">Name/Stellung <i>Name/Position</i></th> <th style="width: 20%;">Unterschrift <i>Signature</i></th> <th style="width: 15%;">Datum <i>Date</i></th> <th style="width: 30%;">Name/Stellung <i>Name/Position</i></th> <th style="width: 20%;">Unterschrift <i>Signature</i></th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>						
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Sonstiges/ Other Aspects: Test period: 2016-12-08 – 2016-12-22 ; 2016-12-27 – 2017-01-05																	
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Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>																	



Test Report No. : 0114058887p5 002
Customer : Chi Mei Corporation
Test Method : Total Cadmium, Lead, Mercury, Chromium
- Ref. to IEC 62321-4:2013 and IEC 62321-5:2013
Chromium (VI)
- For Metal material - Ref. to IEC 62321-7-1:2015
- For Plastic or Electronic material – Ref. to IEC 62321:2008 Annex C
- For Leather material - Ref. to ISO 17075:2007
PBBs, PBDEs – Ref. to IEC 62321-6:2015

2017-01-05

Sample Material Lab.-No.		LoD	KIBITON® PB-5903 plastic/transparent TCL161208-156 TCL161227-08
Cadmium (Cd)	mg/kg	2	n.d.
Lead (Pb)	mg/kg	2	n.d.
Mercury (Hg)	mg/kg	2	n.d.
Chromium VI (Cr VI)	mg/kg	2	n.d.
Sum of Polybrominated biphenyls (PBBs)	mg/kg	-	n.d.
Monobromobiphenyl	mg/kg	5	n.d.
Dibromobiphenyl	mg/kg	5	n.d.
Tribromobiphenyl	mg/kg	5	n.d.
Tetrabromobiphenyl	mg/kg	5	n.d.
Pentabromobiphenyl	mg/kg	5	n.d.
Hexabromobiphenyl	mg/kg	5	n.d.
Heptabromobiphenyl	mg/kg	5	n.d.
Octabromobiphenyl	mg/kg	5	n.d.
Nonabromobiphenyl	mg/kg	5	n.d.
Decabromobiphenyl	mg/kg	5	n.d.
Sum of Polybrominated diphenyl ethers (PBDEs)	mg/kg	-	n.d.
Monobromodiphenyl ether	mg/kg	5	n.d.
Dibromodiphenyl ether	mg/kg	5	n.d.
Tribromodiphenyl ether	mg/kg	5	n.d.
Tetrabromodiphenyl ether	mg/kg	5	n.d.
Pentabromodiphenyl ether	mg/kg	5	n.d.
Hexabromodiphenyl ether	mg/kg	5	n.d.
Heptabromodiphenyl ether	mg/kg	5	n.d.
Octabromodiphenyl ether	mg/kg	5	n.d.
Nonabromodiphenyl ether	mg/kg	5	n.d.
Decabromodiphenyl ether	mg/kg	5	n.d.

Notes:

- n.d. - not detected
- n.a. - not applicable
- LoD - Limit of Detection
- mg/kg is equal to ppm (parts per million)

	Cd	Cr(VI)	Pb	Hg	PBBs	PBDEs
Maximum permissible Limit acc. to 2011/65/EU (mg/kg)	100	1000	1000	1000	1000	1000

Test Report No. : 0114058887p5 002 2017-01-05
Customer : Chi Mei Corporation
Test Method : BBP/DBP/DEHP/DIBP - Organic solvent extraction, analyzed by GCMS (Ref. to DIN EN 62321-8:2014/ IEC 62321-8 (111/321/CD))

Sample Material Lab.-No.	LoD	KIBITON® PB-5903 plastic/transparent TCL161208-156
Diethylhexylphthalate (DEHP) mg/kg	50	n.d.
Dibutylphthalate (DBP) mg/kg	50	n.d.
Benzylbutylphthalate (BBP) mg/kg	50	n.d.
Diisobutylphthalate (DIBP) mg/kg	50	n.d.

Notes:

- n.d. - not detected
- n.a. - not applicable
- LoD - Limit of Detection
- mg/kg is equal to ppm (parts per million)

	BBP	DBP	DEHP	DIBP
Maximum permissible Limit acc. to (EU) 2015/863 (mg/kg)	1000	1000	1000	1000

Test Sample

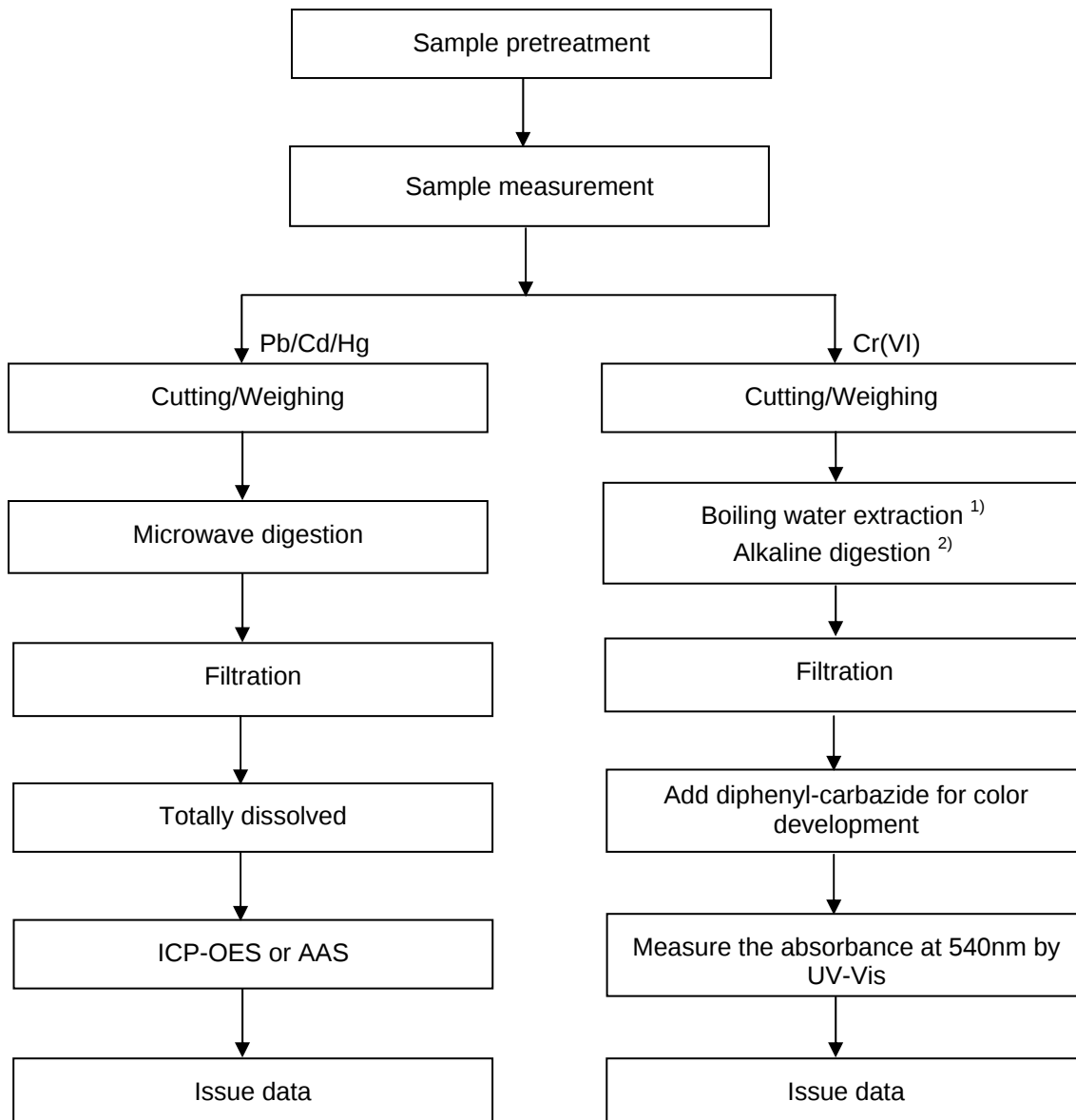


Test Report No. : 0114058887p5 002
Customer : Chi Mei Corporation

2017-01-05

Testing procedure:

RoHS (Pb, Cd, Hg, Cr(VI))



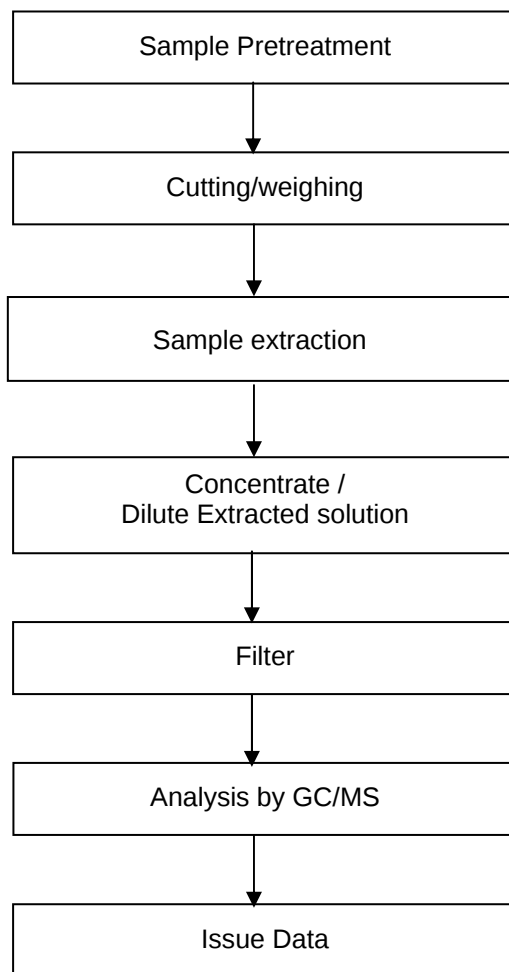
Notes: ¹⁾ For metallic material
²⁾ For non-metallic material

Test Report No. : 0114058887p5 002
Customer : Chi Mei Corporation

2017-01-05

Testing procedure:

RoHS (PBBs/PBDEs), DEHP/DBP/BBP/DIBP



--- End of Test-Report ---