

Test Report

Report No.: A001R20170720031

Date: Jul.26, 2017

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Applicant: QINGDAO HONEYCOMB CORE CO., LTD.
Address: ROOM 2115 NO. 2 BUILDING MINGHUI GUOJI NO. 39 SHILING ROAD, LAOSHAN DISTRICT, QINGDAO, CHINA.

Report on the submitted sample(s) said to be:

Sample Name : PLASTIC HONEYCOMB GRIDS
Model : CORE GRAVEL 42-30, CORE GRAVEL 38-18, CORE GRAVEL 38-25, CORE GRAVEL 38-30, CORE GRAVEL 38-40, CORE GRAVEL 50-30, CORE GRAVEL 50-35, CORE GRASS 50-35R, CORE GRASS 60-40R, CORE GRASS 65-45R
Sample Receiving Date : Jul.20, 2017
Testing Period : Jul.20, 2017 to Jul.26, 2017

Test Requested : As specified by client, to determine the Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs content in the submitted sample in accordance with Directive 2011/65/EU(RoHS) and its amendment directives.

Test Method : Please refer to next page(s).

Test Result : Please refer to next page(s).

Tested by: Huisu Luo
Luohuisu
Test Engineer

Reviewed by: Leon
Suhongliang, Leon
Test Team Leader

Approved by: Jason
Jiangyuncheng, Jason
Laboratory Manager



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Test Result(s):
1. Test result of the Pb , Cd , Hg , Cr⁶⁺ content

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1	
Cadmium (Cd)	Refer to IEC 62321-5:2013 ICP-OES	2	N.D.	100
Lead (Pb)		2	N.D.	1000
Mercury (Hg)	Refer to IEC 62321-4:2013 ICP-OES	2	N.D.	1000
Hexavalent Chromium (Cr⁶⁺)	Refer to IEC 62321-7-2:2017 UV-Vis	1	N.D.	1000

Note:

1. MDL=Method Detection Limit
2. N.D.=Not Detected(less than method detection limit)
3. As specified by client, only test the designated sample.
4. As specified by client, the submitted samples were mixed to test.

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2. Test result of the PBBs, PBDEs content

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1	
Mono-bromobiphenyl	Refer to IEC 62321-6:2015 GC-MS	5	N.D.	—
Di-bromobiphenyl		5	N.D.	
Tri-bromobiphenyl		5	N.D.	
Tetra-bromobiphenyl		5	N.D.	
Penta-bromobiphenyl		5	N.D.	
Hexa-bromobiphenyl		5	N.D.	
Hepta-bromobiphenyl		5	N.D.	
Octa-bromobiphenyl		5	N.D.	
Nona-bromobiphenyl		5	N.D.	
Deca-bromobiphenyl		5	N.D.	
Polybrominated Biphenyls (PBBs)		—	N.D.	1000
Mono-bromodiphenyl ether		5	N.D.	—
Di-bromodiphenyl ether		5	N.D.	
Tri-bromodiphenyl ether		5	N.D.	
Tetra-bromodiphenyl ether		5	N.D.	
Penta-bromodiphenyl ether		5	N.D.	
Hexa-bromodiphenyl ether		5	N.D.	
Hepta-bromodiphenyl ether		5	N.D.	
Octa-bromodiphenyl ether		5	N.D.	
Nona-bromodiphenyl ether		5	N.D.	
Deca-bromodiphenyl ether	5	N.D.		
Polybrominated Diphenyl Ethers(PBDEs)	—	N.D.	1000	

- Note:**
1. MDL=Method Detection Limit
 2. N.D.=Not Detected(less than method detection limit)
 3. “—”=Not regulated
 4. As specified by client, only test the designated sample.
 5. As specified by client, the submitted samples were mixed to test.

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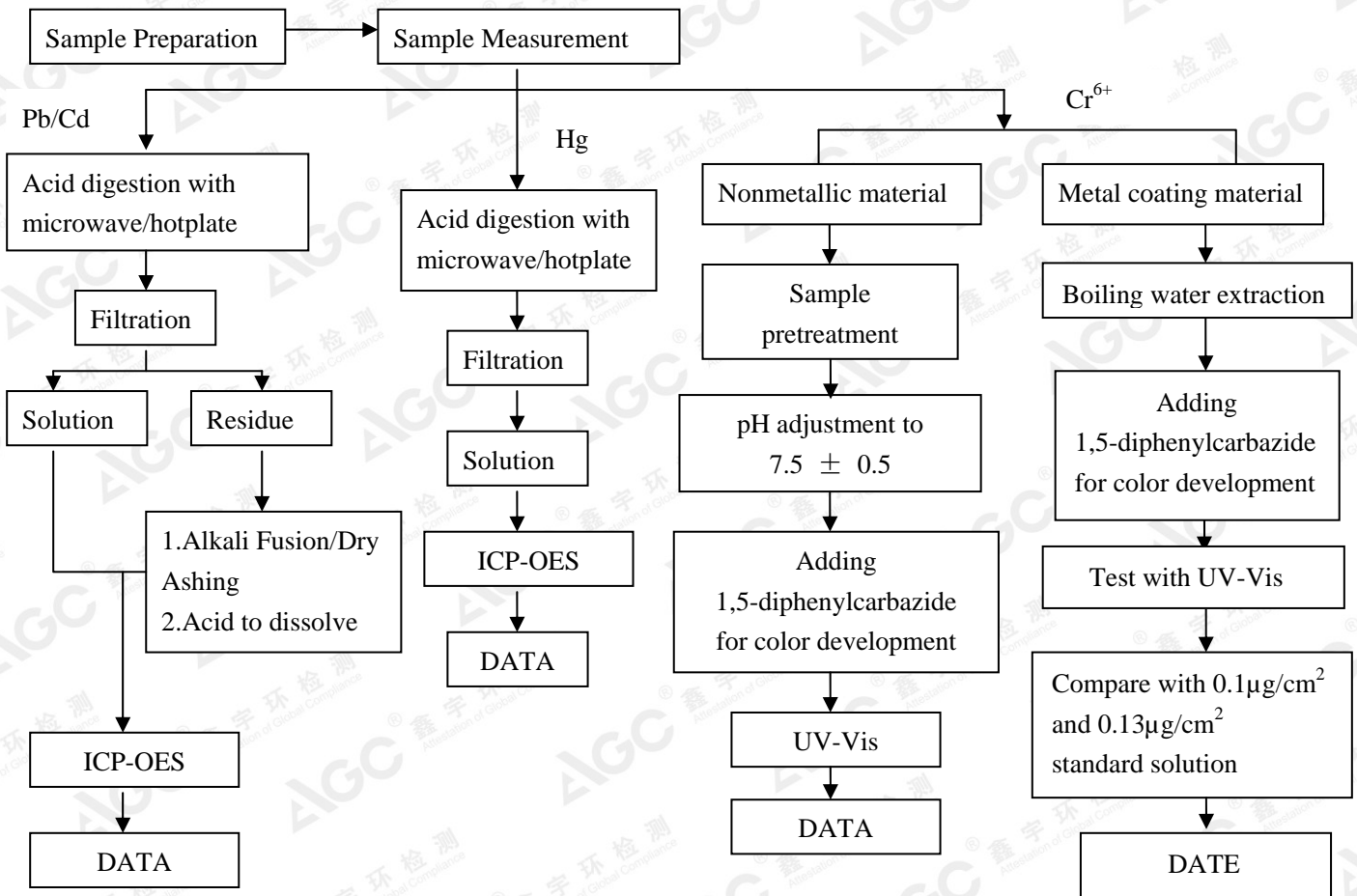
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Sample Description

1	Honeycomb grid mixed
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Test Flow Chart

1.For Pb , Cd , Hg , Cr⁶⁺



These sample were dissolved totally by pre-conditioning method according to above flow chart (Cr⁶⁺ test method excluded)

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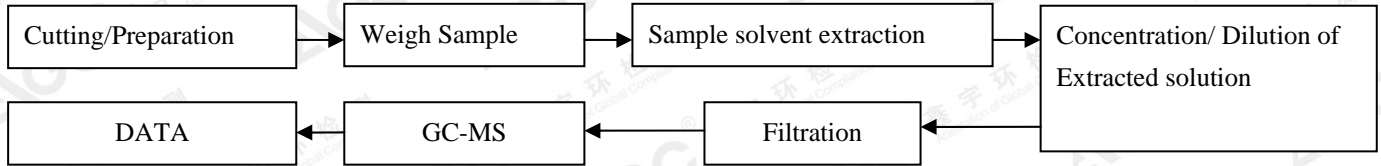
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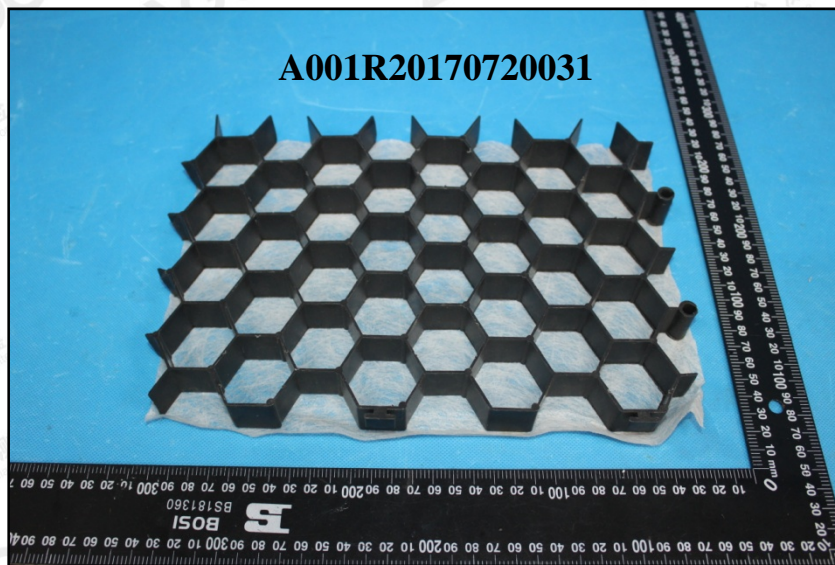
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2.For PBBs,PBDEs



The photo of the sample



AGC authenticate the photo on original report only

*** End of Report***

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