

Test Report

No. CANEC1619091801

Date: 08 Oct 2016

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SHENZHEN PST NEW MATERIAL TECHNOLOGY CO.,LTD

ROOM F,6/F,XIHAIAN PLAZA,NANHAI AVENUE,NANSHAN DISTRICT,SHENZHEN,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : The mixture of Compatiblizer, Flexibilizer and other Fuctionnal additive

SGS Job No. : CP16-060586 - SZ

Client Ref. Info. : The mixture of fuctionnal additive : A1018, A1018T, A1028, F109, A1105, A1058, A1068, A1059, A2361, B205, B208, B308T, G1080, G1081, G1085, G1088, SMA, SME098, SMG200, MA50, PP Flexibilizer, PA Flexibilizer, PBT Flexibilizer, PC Flexibilizer

Date of Sample Received : 27 Sep 2016

Testing Period : 27 Sep 2016 - 08 Oct 2016

Test Requested : Selected test(s) as requested by client.

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

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

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Echo

Echo Yeung

Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Chemical Laboratory.

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Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID | Description |
|--------------|------------------|--|
| SN1 | CAN16-190918.001 | White plastic grains a+White plastic grains b+White plastic grains c+Yellow plastic grains d |

Remarks :

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

Elementary Analysis & Flame Retardants

Test Method : (1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.
 (2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.
 (3)With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.
 (4)With reference to IEC 62321:2008, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
 (5)With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.

| Test Item(s) | Unit | MDL | 001 |
|----------------------------|-------|-----|-----|
| Cadmium (Cd) | mg/kg | 2 | ND |
| Lead (Pb) | mg/kg | 2 | ND |
| Mercury (Hg) | mg/kg | 2 | ND |
| Hexavalent Chromium (CrVI) | mg/kg | 2 | ND |
| Sum of PBBs | mg/kg | - | ND |
| Monobromobiphenyl | mg/kg | 5 | ND |
| Dibromobiphenyl | mg/kg | 5 | ND |
| Tribromobiphenyl | mg/kg | 5 | ND |
| Tetrabromobiphenyl | mg/kg | 5 | ND |
| Pentabromobiphenyl | mg/kg | 5 | ND |
| Hexabromobiphenyl | mg/kg | 5 | ND |
| Heptabromobiphenyl | mg/kg | 5 | ND |
| Octabromobiphenyl | mg/kg | 5 | ND |
| Nonabromobiphenyl | mg/kg | 5 | ND |
| Decabromobiphenyl | mg/kg | 5 | ND |
| Sum of PBDEs | mg/kg | - | ND |



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| <u>Test Item(s)</u> | <u>Unit</u> | <u>MDL</u> | <u>001</u> |
|--------------------------|-------------|------------|------------|
| Monobromodiphenyl ether | mg/kg | 5 | ND |
| Dibromodiphenyl ether | mg/kg | 5 | ND |
| Tribromodiphenyl ether | mg/kg | 5 | ND |
| Tetrabromodiphenyl ether | mg/kg | 5 | ND |
| Pentabromodiphenyl ether | mg/kg | 5 | ND |
| Hexabromodiphenyl ether | mg/kg | 5 | ND |
| Heptabromodiphenyl ether | mg/kg | 5 | ND |
| Octabromodiphenyl ether | mg/kg | 5 | ND |
| Nonabromodiphenyl ether | mg/kg | 5 | ND |
| Decabromodiphenyl ether | mg/kg | 5 | ND |

Remark 1: Results shown are of the total weight of mixed samples.

Remark 2: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.



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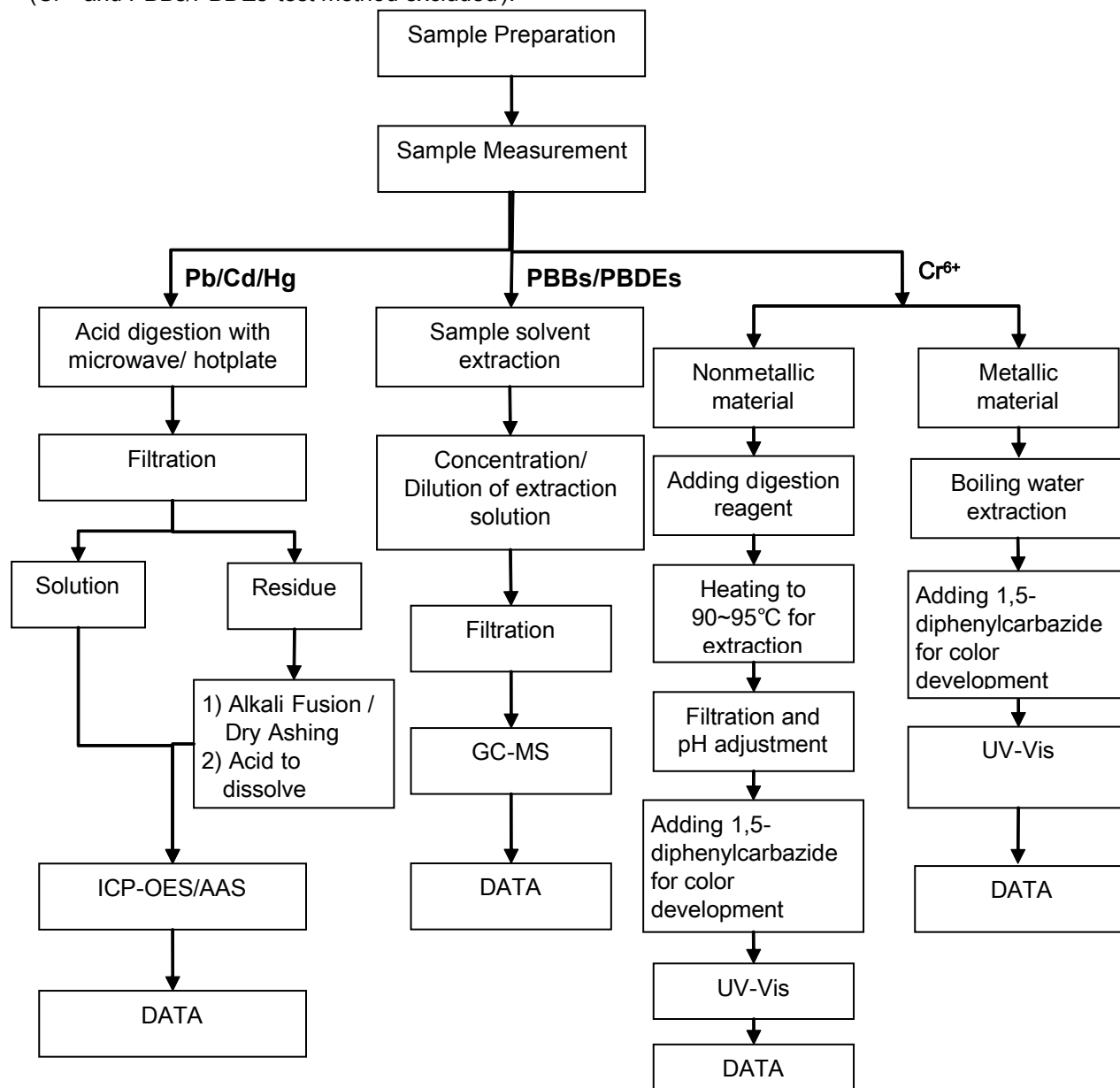
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ATTACHMENTS

Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs Testing Flow Chart

- 1) Name of the person who made testing: Edith Zhang / Sunny Hu
- 2) Name of the person in charge of testing: Bella Wang / Qiong Liu
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr⁶⁺ and PBBs/PBDEs test method excluded).



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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