



# Test Report

Report No.: STRD1509155R-2

Page 1 of 6

Applicant Name: FIMOR S.A.S

Applicant Add: 210,RUE DU PLOYGONE F-72058 LE MANS-CEDEX 2,FRANCE

Sample Name: Serilor® CERAM 55shA natural

Item No.: 091442 110-315

Material:PU

Supplier: FIMOR

Reference Item No.: /

Sample Receiving Date: 2015-09-29

Testing Period: 2015-09-29 to 2015-10-10

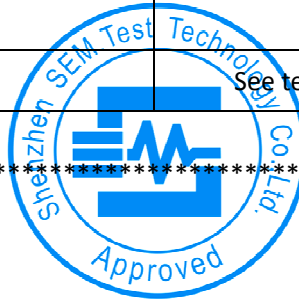
Tests Conducted: As requested by the applicant,for details refer to attached page(s).

\*\*\*\*\*

**Conclusion:**

Test Item	Conclusion
Cd、Pb、Hg、Cr <sup>6+</sup> 、PBBs、PBDEs	Pass
DBP、BBP、DEHP、DIBP	See test conducted

\*\*\*\*\*



Tested by: Spring Dai      Compiled by: Fred Gong      Approved by: Ailis Ma

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# Test Report

Report No.: STRD1509155R-2

Page 2 of 6

## Test Result:

Specimen No.	SEM Sample ID	Description
SN1	D1509155	White plastic

## 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 M method using UV-Vis.
- (5)With reference to IEC 62321:2008, determination of PBBs and PBDEs by GC-MS. )
- (6)With reference to EN 14372:2004, determination of phthalates by GC-MS. )

## 1. RoHS Directive 2011/65/EU

Test Item	Test Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
Cadmium (Cd)	N.D.	2	100
Lead (Pb)	N.D.	2	1000
Mercury (Hg)	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	-	1000
Sum of PBBs	N.D.	5	1000
Monobromobiphenyl	N.D.	5	-
Dibromobiphenyl	N.D.	5	-
Tribromobiphenyl	N.D.	5	-
Tetrabromobiphenyl	N.D.	5	-
Pentabromobiphenyl	N.D.	5	-
Hexabromobiphenyl	N.D.	5	-
Heptabromobiphenyl	N.D.	5	-
Octabromobiphenyl	N.D.	5	-
Nonabromobiphenyl	N.D.	5	-
Decabromobiphenyl	N.D.	5	-
Sum of PBDEs	N.D.	5	1000
Monobromodiphenyl ether	N.D.	5	-
Dibromodiphenyl ether	N.D.	5	-
Tribromodiphenyl ether	N.D.	5	-
Tetrabromodiphenyl ether	N.D.	5	-
Pentabromodiphenyl ether	N.D.	5	-
Hexabromodiphenyl ether	N.D.	5	-

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# Test Report

Report No.: STRD1509155R-2

Page 3 of 6

Test Item	Test Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
Heptabromodiphenyl ether	N.D.	5	-
Octabromodiphenyl ether	N.D.	5	-
Nonabromodiphenyl ether	N.D.	5	-
Decabromodiphenyl ether	N.D.	5	-

Notes :

(1) The maximum permissible limit is quoted from the directive 2011/65/EU, Annex II.

## 2. Phthalate

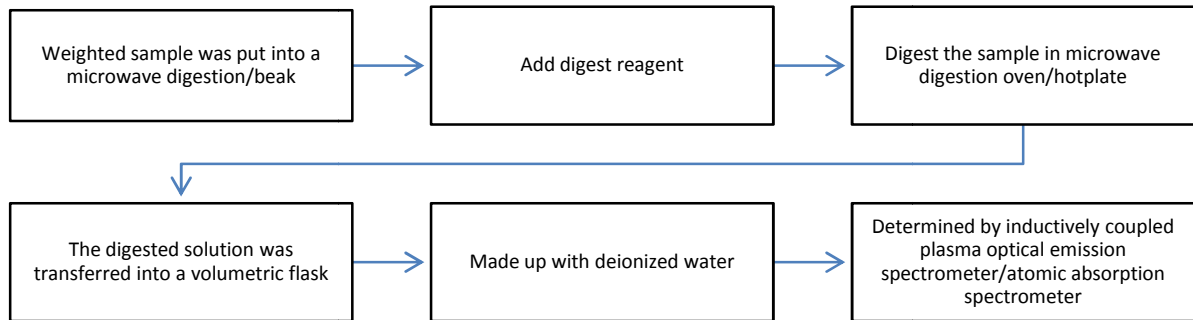
Test Item	Test Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)	CAS No.
Dibutyl Phthalate (DBP)	N.D.	30	1000	84-74-2
Benzylbutyl Phthalate (BBP)	N.D.	30	1000	85-68-7
Bis(2-ethylhexyl) Phthalate (DEHP)	N.D.	30	1000	117-81-7
Diisobutyl Phthalate (DIBP)	N.D.	30	1000	84-69-5

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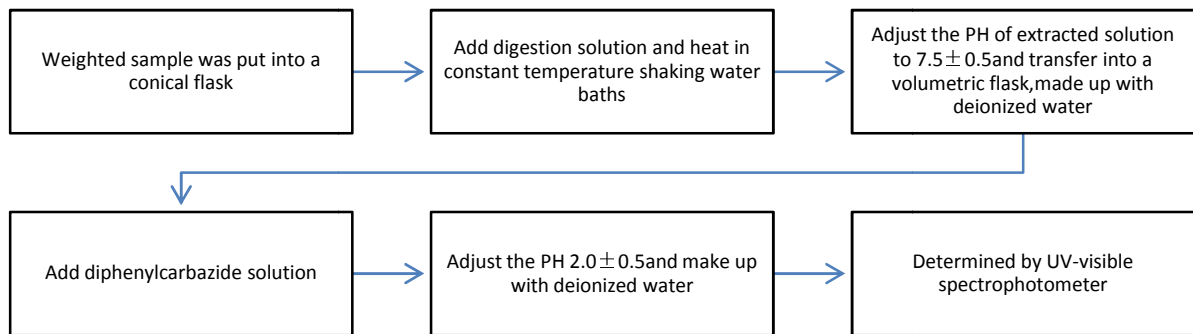
## Testing Flow Chart

### 1. RoHS Directive (2011/65/EU)

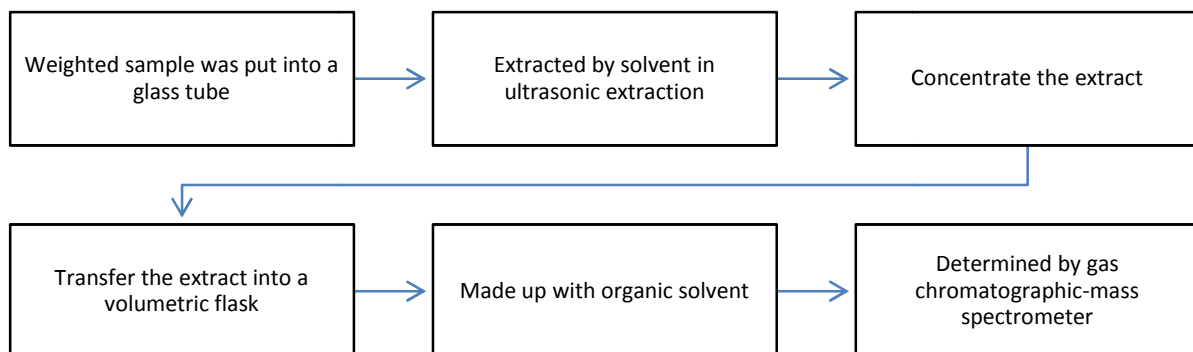
#### a. Test for Cd/Pb/Hg contents



#### b. Test for Cr<sup>6+</sup> content

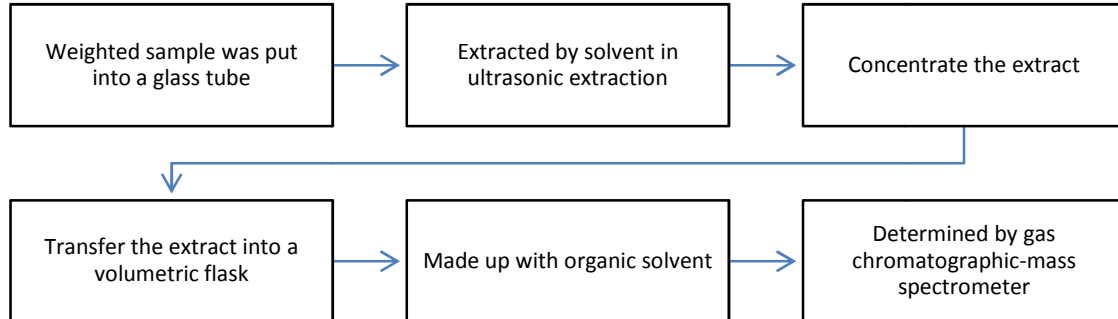


#### c. Test for PBBs/PBDEs contents



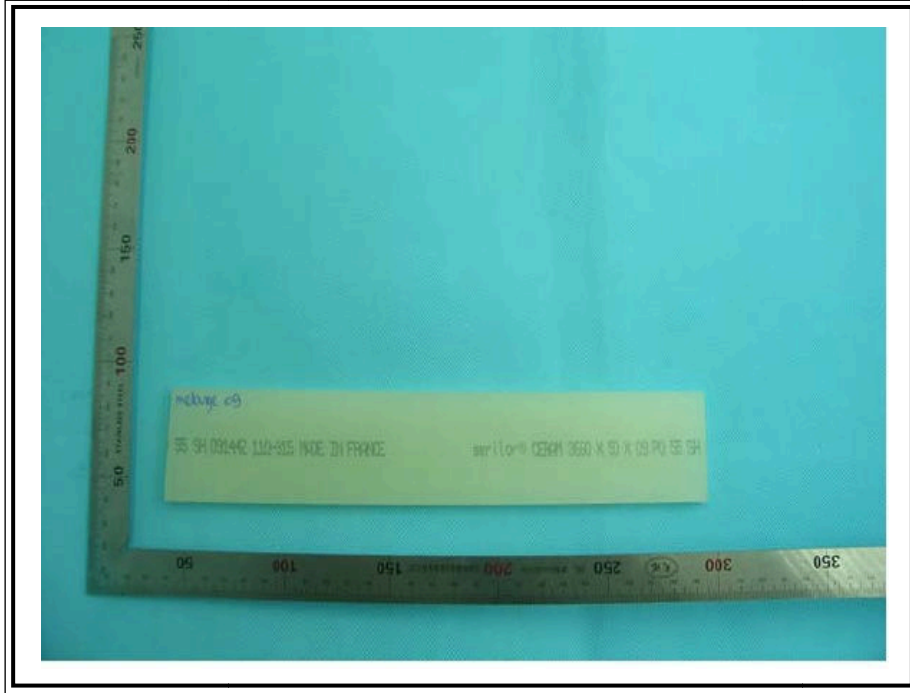
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d. DBP、BBP、DEHP、DIBP



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**Sample Photo:**



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