

## Test Report

No. CRSSA/05172/17

Date : 04/05/2017

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CRS Ref. CRSSA/17/1115/Moldex

**MOLDEX PLASTIC RECYCLING SDN BHD**  
**NO. 23 & 25, JALAN MAHIR 4, TAMAN PERINDUSTRIAN CEMERLANG**  
**81800 ULU TIRAM, JOHOR, MALAYSIA**

The following merchandise was (were) submitted and identified by the client as:

Sample Description	:	HIPS BLACK 100% - KHUN PLASTIC
Lot	:	594-618
Sample Receiving Date	:	27/04/2017
Testing Period	:	27/04/2017 to 04/05/2017

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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).
Analyst	:	Ling Yii Ming

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TECHNICAL MANAGER

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Test results:

## Test Part Description :

Sample Description : HIPS BLACK 100% - KHUN PLASTIC  
Lot : 594-618

## RoHS Directive 2011/65/EU Annex II

Test Item(s):	Unit	Test Method	Results	MDL	Limit
<b>Sum of PBDEs</b>	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	310	-	1000
Monobromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	N.D.	5	-
Dibromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	N.D.	5	-
Tribromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	N.D.	5	-
Tetrabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	N.D.	5	-
Pentabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	N.D.	5	-
Hexabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	N.D.	5	-
Heptabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	N.D.	5	-
Octabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	N.D.	5	-
Nonabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	N.D.	5	-
Decabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (Determination of PBDE by GC-MS)	310	5	-

Note : (a) mg/kg = ppm ; (0.1wt% = 1000ppm)  
(b) N.D. = Not Detected  
(c) MDL = Method Detection Limit  
(d) - = Not regulated  
(e) Test result based on average results of replicate analysis

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### Test Part Description :

Sample Description : HIPS BLACK 100% - KHUN PLASTIC  
Lot : 594-618

**MOLDEX PLASTIC RECYCLING SDN BHD**  
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SGS authenticate the photo on original report only

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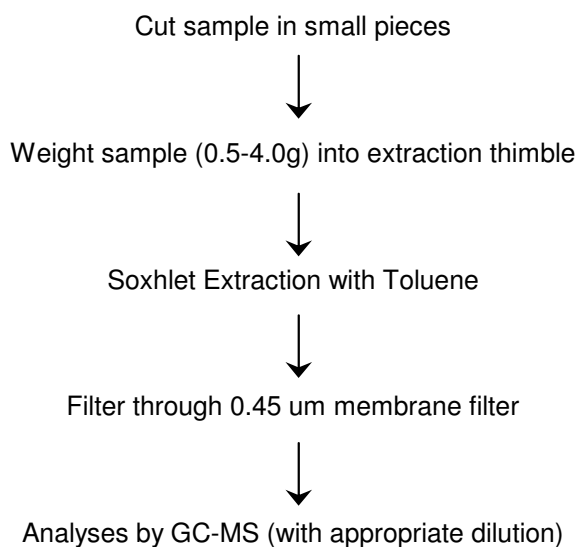
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### DETERMINATION OF PBB/PBDE WITH GC-MS

#### BY IEC 62321-6 2015



\*\*\*\* End of Report\*\*\*\*

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