

Test Report

No. : KC/2020/70029

Date : 2020/07/14

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PT. INOCYCLE TECHNOLOGY GROUP TBK
KAWASAN INDUSTRI PASAR KEMIS, JL. PUTERA UTAMA NO.10, KEL. SUKA ASIH,
KEC. PASAR KEMIS, KAB. TANGERANG, BANTEN 15560

The following samples was/were submitted and identified by/on behalf of the applicant as :

Sample Submitted By : PT. INOCYCLE TECHNOLOGY GROUP TBK
Sample Description : RECYCLED POLYESTER STAPLE FIBER
Country Of Origin : INDONESIA
Manufacturer/Vendor : PT. INOCYCLE TECHNOLOGY GROUP TBK
Job No. : 2010010787
Sample Receiving Date : 2020/07/06
Testing Period : 2020/07/06 TO 2020/07/14

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Test Requested : As specified by client, the sample(s) was/were tested with reference to Regulation (EU) 2019/1021 (POPs Recast). Please refer to result table for details.

Test Result(s) : Please refer to following pages.


Ray Chang Ph.D. / Manager - Tech
Signed for and on behalf of
SGS Taiwan Limited
Chemical Laboratory-Kaohsiung



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Test Result(s)

PART NAME No.1 : BLACK FIBER

PASS

Test Item(s)	Unit	Method	MDL	Result	Limit
				No.1	
Tetrabromodiphenyl ether	mg/kg	With reference to IEC 62321-6 (2015) and performed by GC/MS.	5	n.d.	10
Pentabromodiphenyl ether	mg/kg		5	n.d.	10
Hexabromodiphenyl ether	mg/kg		5	n.d.	10
Heptabromodiphenyl ether	mg/kg		5	n.d.	10
Decabromodiphenyl ether	mg/kg		5	n.d.	10
Hexabromobiphenyl	mg/kg		5	n.d.	Prohibited
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) (CAS No.: 25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))	mg/kg	With reference to IEC 62321 (2008). Analysis was performed by GC/MS.	5	n.d.	100
Hexachlorobutadiene (CAS No.: 87-68-3)	mg/kg	With reference to US EPA 5021A (2014). Analysis was performed by GC/MS.	1	n.d.	Prohibited
Polychlorinated Naphthalene (PCNs)	mg/kg	With reference to US EPA 3550C (2007). Analysis was performed by GC/MS.	5	n.d.	Prohibited
Polychlorinated Biphenyls (PCBs) (CAS No.: 1336-36-3)	mg/kg		0.5	n.d.	50
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (CAS No.: 85535-84-8)	mg/kg		100	n.d.	(*1)
Perfluorooctane sulfonates (PFOS-Acid, Metal Salt, Amide)	mg/kg	With reference to CEN/TS 15968 (2010). Analysis was performed by LC/MS-MS.	0.01	n.d.	(*2)
PFOA (CAS No.: 335-67-1)	mg/kg		0.01	n.d.	0.025

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Test Item(s)	Unit	Method	MDL	Result	Limit
				No.1	
PCP (Pentachlorophenol) (CAS No.: 87-86-5)	mg/kg	With reference to KOH. Analysis was performed by GC/MS.	3	n.d.	Prohibited
Hexachlorobenzene (CAS No.: 118-74-1)	mg/kg	With reference to US EPA 3550C (2007). Analysis was performed by GC/MS.	20	n.d.	Prohibited
Endrin (CAS No.: 72-20-8)	mg/kg	With reference to US EPA 3550C (2007). Analysis was performed by GC/MS.	1	n.d.	Prohibited
Heptachlor (CAS No.: 76-44-8)	mg/kg		1	n.d.	Prohibited
Mirex (CAS No.: 2385-85-5)	mg/kg		1	n.d.	Prohibited
Aldrin (CAS No.: 309-00-2)	mg/kg		1	n.d.	Prohibited
Chlordane (CAS No.: 57-74-9)	mg/kg		1	n.d.	Prohibited
Dieldrin (CAS No.: 60-57-1)	mg/kg		1	n.d.	Prohibited
DDT (CAS No.: 50-29-3)	mg/kg		1	n.d.	Prohibited
Toxaphene (CAS No.: 8001-35-2)	mg/kg		1	n.d.	Prohibited
Pentachlorobenzene (CAS No.: 608-93-5)	mg/kg		1	n.d.	Prohibited
Chlordecone (CAS No.: 143-50-0)	mg/kg		1	n.d.	Prohibited
Hexachlorocyclohexanes, including lindane (CAS No.: 58-89-9; 319-84-6; 319-85-7; 608-73-1)	mg/kg		1	n.d.	Prohibited
Endosulfan (CAS No.: 115-29-7; 959-98-8; 33213-65-9)	mg/kg		1	n.d.	Prohibited

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Note :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. (*1): Substance / Preparation 10000 ppm; Article 1500 ppm
5. (*2): Substance / Preparation 10 ppm : Article / Part / emifinished product 1000 ppm

PFOS Reference Information : POPs - (EU) 757/2010

Outlawing PFOS as substances or preparations in concentrations above 0.001% (10ppm), in semi-finished products or articles or parts at a level above 0.1%(1000ppm), in textiles or other coated materials above 1µg/m².

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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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** End of Report **

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