

## Test Report

Applicant: Felix Compounds  
3455 Richelieu Street, Saint-Hubert,  
QC J3Y 7P9, Canada.

Number : TWNC00630393

Date : Oct 16, 2017

Sample Description:

One (1) group of submitted samples said to be :  
Item Name : TT11PRO MAX 37 TPE INFILL  
Date Sample Received : Aug 24, 2017  
Date Test Started : Aug 28, 2017

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Test Conducted:

As requested by the applicant, for details please refer to attached pages.

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Authorized by:  
On Behalf of Intertek Testing Services  
Taiwan Limited



A handwritten signature in black ink, appearing to read "Matt Wang".

Matt Wang  
Sr. Manager



Test Conducted :

Test Result Summary:

Test Item	Unit	Test Method	Result	RL
			Green material	
<b>Polybrominated Diphenyl Ethers (PBDEs)</b>				
Monobrominated Diphenyl Ethers (MonoBDE)	ppm	With reference to IEC 62321-6: 2015, by solvent extraction and determined by GC-MS and further HPLC-DAD confirmation when necessary.	ND	5
<b>Azo Dyes Compounds (Specific Amine)</b>				
Benzidine (92-87-5)	ppm	With reference to EN 14362-1:2012 and determined by GC-MS.	ND	5
p-Chloroaniline (106-47-8)	ppm		ND	5
3,3'-Dichlorobenzidine (91-94-1)	ppm		ND	5
<b>Phthalates</b>				
Di(2-ethylhexyl) Phthalate (DEHP)	ppm	With reference to EN 14372: 2004, by solvent extraction and determined by GC-MS.	ND	50
Dibutyl Phthalate (DBP)	ppm		ND	50
Benzyl Butyl Phthalate (BBP)	ppm		ND	50
Di-(N-Octyl) Phthalate (DNOP)	ppm		ND	50
Diethyl phthalate (DEP)	ppm		ND	50
Dimethyl phthalate (DMP)	ppm		ND	50
<b>Ozone Depleting Substances (ODS)</b>				
1,1,1-Trichloroethane	ppm	With reference to USEPA 5021A / 8260C and determined by GC-MS linked with Headspace.	ND	1
1,1,2,2-Tetrachloroethane	ppm		ND	1
1,1,2-Trichloroethane	ppm		ND	1
1,2-Dichloroethane	ppm		ND	1
1,2-Dichloropropane	ppm		ND	1
Bromomethane	ppm		ND	1
Carbon tetrachloride	ppm		ND	1
Chloroethane	ppm		ND	1
Chloroform	ppm		ND	1
Chloromethane	ppm		ND	1
cis-1,3-Dichloropropene	ppm		ND	1
Methylene chloride	ppm		ND	1
Hexachlorobutadiene	ppm		ND	1



Test Conducted :

Test Item	Unit	Test Method	Result	RL
			Green material	
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>				
Naphthalene	ppm	With reference to AfPS GS 2014:01 PAK issued by the German committee on product safety (AfPS), by solvent extraction and determined by GC-MS.	ND	0.2
Acenaphthylene	ppm		ND	0.2
Acenaphthene	ppm		ND	0.2
Fluorene	ppm		ND	0.2
Phenanthrene	ppm		ND	0.2
Anthracene	ppm		ND	0.2
Fluoranthene	ppm		ND	0.2
Pyrene	ppm		ND	0.2
Chrysene	ppm		ND	0.2
Benzo[a]Anthracene	ppm		ND	0.2
Benzo[b]Fluoranthene	ppm		ND	0.2
Benzo[k]Fluoranthene	ppm		ND	0.2
Benzo[j]Fluoranthene	ppm		ND	0.2
Benzo[a]Pyrene	ppm		ND	0.2
Indeno[1,2,3-c,d]Pyrene	ppm		ND	0.2
Dibenzo[a,h]Anthracene	ppm		ND	0.2
Benzo[g,h,i]Perylene	ppm		ND	0.2



Test Conducted :

Test Item	Unit	Test Method	Result	RL
			Green material	
<b>Volatile Organic Solvent</b>				
1,2-Dibromoethane	ppm	With reference to USEPA 5021A / 8260C and determined by GC-MS linked with Headspace.	ND	1
1,1-Dichloroethane	ppm		ND	1
1,1-Dichloroethene	ppm		ND	1
1,2,4-Trichlorobenzene	ppm		ND	1
1,2-Dichlorobenzene	ppm		ND	1
1,3-Dichlorobenzene	ppm		ND	1
1,4-Dichlorobenzene	ppm		ND	1
2-Methylphenol	ppm		ND	1
Benzene	ppm		ND	1
Bromodichloromethane	ppm		ND	1
Bromoform	ppm		ND	1
Chlorobenzene	ppm		ND	1
Chlorodibromomethane	ppm		ND	1
Ethylbenzene	ppm		ND	1
Methyl ethyl ketone(MEK)	ppm		ND	1
<i>m</i> -Xylene	ppm		ND	1
<i>o</i> -Xylene	ppm		ND	1
Phenol	ppm		ND	1
<i>p</i> -Xylene	ppm		ND	1
Styrene	ppm		ND	1
Tetrachloroethene	ppm		ND	1
Toluene	ppm		ND	1
<i>trans</i> -1,2-Dichloroethene	ppm		ND	1
<i>trans</i> -1,3-Dichloropropene	ppm		ND	1
Trichloroethene	ppm		ND	1
Trichlorofluoromethane	ppm		ND	1
Vinyl chloride	ppm	ND	1	
Acrylonitrile	ppm	ND	1	
Methyl tert-butyl ether (MtBE)	ppm	ND	1	
Acetone	ppm	ND	1	
Aniline	ppm	ND	1	
<b>Chemical Of High Concern To Children (CHCC)</b>				
Carbon Disulfide	ppm	By Gas Chromatography-Mass Spectrometer linked with Headspace (GC-MS linked with Headspace) analysis.	ND	30



Test Conducted :

Test Item	Unit	Test Method	Result	RL
			Green material	
<b>Chlorinated Phenols</b>				
2,4,5-Trichlorophenol	ppm	With reference to ISO 17070:2006 by solvent extraction and Gas Chromatography-Mass Spectrometer (GC-MS) analysis.	ND	0.05
2,4,6-Trichlorophenol	ppm		ND	0.05
2,4-Dichlorophenol	ppm		ND	0.05
2-Chlorophenol	ppm		ND	0.05
Pentachlorophenol	ppm		ND	0.05
<b>Other</b>				
4-Chloro-3-methylphenol	ppm	By solvent extraction and High Performance Liquid Chromatography-Photodiode Array Detector (HPLC-DAD) analysis.	ND	10
Hexachlorobenzene (HCB)	ppm	With reference to USEPA 3540C / 8081B, by solvent extraction and determined by GC-ECD or GC-MS.	ND	0.05
N-Nitrosodimethylamine	ppm	As per GB/T 24153 -2009 and determined by Gas Chromatography-Mass Spectrometer (GC-MS).	ND	0.04
N-Nitrosodiphenylamine	ppm	As per GB/T 24153 -2009 and determined by Gas Chromatography-Mass Spectrometer (GC-MS).	ND	0.04
N-nitrosodi-N-propylamine	ppm	As per GB/T 24153 -2009 and determined by Gas Chromatography-Mass Spectrometer (GC-MS).	ND	0.04
2,4-Dinitrotoluene	ppm	Solvent extraction method was used and determined by GC-MS.	ND	100

Remarks: ppm = Parts per million based on weight of tested sample = mg/kg

ND = Not detected

RL = Reporting limit, quantitation limit of analyte in sample

Responsibility of Chemist: Vita Fu

Date Sample Received : Aug 29, 2017

Test Period : Aug 30, 2017 to Sep 08, 2017



Test Conducted :

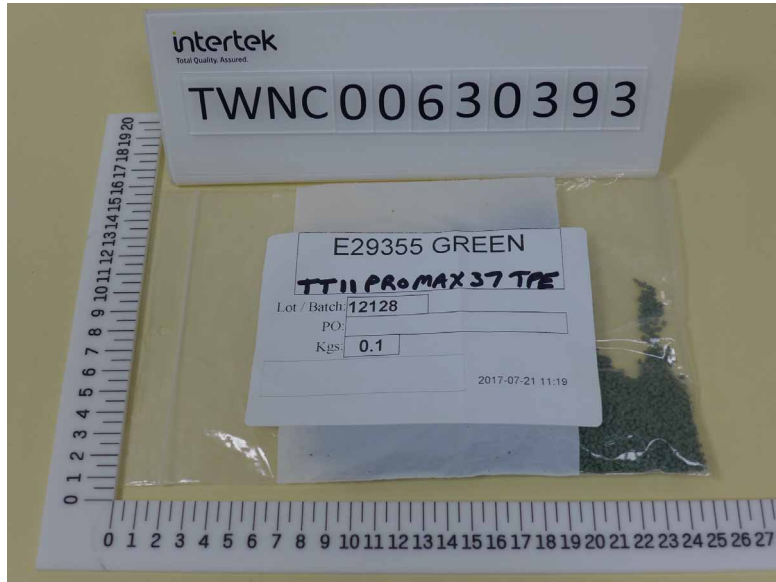
RoHS Limit

<u>Restricted Substances</u>	<u>Limits</u>
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000ppm)
Di(2-ethylhexyl) Phthalate (DEHP)	0.1% (1000ppm)
Dibutyl Phthalate (DBP)	0.1% (1000ppm)
Benzyl Butyl Phthalate (BBP)	0.1% (1000ppm)

The limits were quoted from Annex II of 2011/65/EU and Amendment (EU) 2015/863 for homogeneous material.

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End of Report

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