



Test Report

Report No.: TS18100174R1

Applicant

POWER POLYMER PLAST SP Z.O.O.

Address

OFFICE 38, HOUSE85, OLIWSKA ST, GDANSK
CITY, POLAND, POSTAL CODE: 80-542

Report Date

2018-10-23

Hangzhou C&K Testing Technic Co., Ltd.



Hangzhou C&K Testing Technic Co., Ltd

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Test Report

Applicant	POWER POLYMER PLAST SP Z.O.O.
Address	OFFICE 38, HOUSE85, OLIWSKA ST, GDANSK CITY, POLAND, POSTAL CODE: 80-542
Sample Name	GPPS Plate
Type/ Model	1028,0402,1034,1038,1047,0503,24N,1067,1084,0504,1207,1233,1612,1144,1309,32N,1115,1097,0504
Material	/
Other Info.	/
Sample Received Date	2018-10-11
Test Period	2018-10-11~ 2018-10-19

Foreseeable Food-Contact Type	Fatty foods
Use Conditions	Disposable,0.5h-1h,40-70°C
Use S/V	0.4
Test Requirement(s)	/
Test Item(s)	See Test Result(s)
Test Method(s)	See Test Result(s)
Test Result(s)	See Test Result(s)
Conclusion	/
Remark	This report is the revision of TS18100174, the original test report is invalid.

Complied by

Teensy Lu

Teensy Lu

Inspected by

Li Xuefeng

Li Xuefeng

Authorized by

Li Chenghai

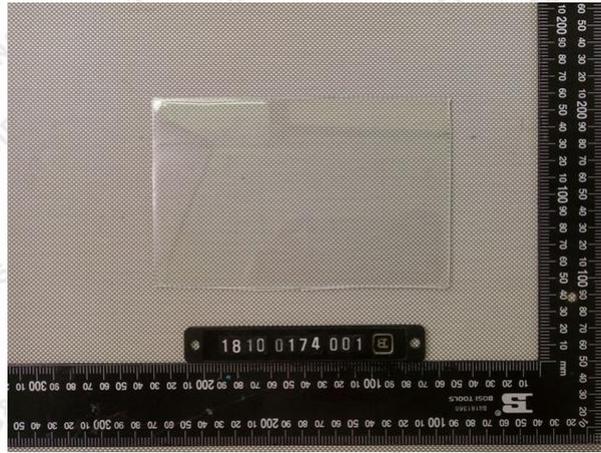
Li Chenghai
Accredited Signatory



Test Component(s):

No.	Sample Serial No.	Test Component(s)	Type/Model	Material	Other Info.
001	TS18100174001	GPSS Plate	/	/	/

Photo(s):



TS18100174001



Test Result(s):

No.	Test Item(s)	Test method	Test Result(s)
	3% Acid (70°C, 2h) (mg/dm ²)	BS EN 1186-1:2002 BS EN 1186-3:2002	<1.0
	10% Ethanol (70°C, 2h) (mg/dm ²)	BS EN 1186-1:2002 BS EN 1186-3:2002	<1.0
	20% Ethanol (70°C, 2h) (mg/dm ²)	BS EN 1186-1:2002 BS EN 1186-3:2002	<1.0
	50% Ethanol (70°C, 2h) (mg/dm ²)	BS EN 1186-1:2002 BS EN 1186-9:2002	<1.0
	Isooctane (40°C, 0.5h) (mg/dm ²)	BS EN 1186-1:2002 BS EN 1186-14:2002	<1.0
001	Soluble Barium (Ba) (3% Acid: 20°C, 24h) (mg/kg)	EN 13130-1: 2004; Refer to EPA 6010D:2018	<0.100
	Soluble Cobalt (Co) (3% Acid: 20°C, 24h) (mg/kg)	EN 13130-1: 2004; Refer to EPA 6010D:2018	<0.010
	Soluble Copper (Cu) (3% Acid: 20°C, 24h) (mg/kg)	EN 13130-1: 2004; Refer to EPA 6010D:2018	<0.030
	Soluble Iron (Fe) (3% Acid: 20°C, 24h) (mg/kg)	EN 13130-1: 2004; Refer to EPA 6010D:2018	<0.050
	Soluble Lithium (Li) (3% Acid: 20°C, 24h) (mg/kg)	EN 13130-1: 2004; Refer to EPA 6010D:2018	<0.010
	Soluble Manganese (Mn) (3% Acid: 20°C, 24h) (mg/kg)	EN 13130-1: 2004; Refer to EPA 6010D:2018	<0.010
	Soluble Zinc (Zn) (3% Acid: 20°C, 24h) (mg/kg)	EN 13130-1: 2004; Refer to EPA 6010D:2018	<0.050
	Soluble Aluminum (Al) (3% Acid: 20°C, 24h) (mg/kg)	EN 13130-1: 2004; Refer to EPA 6010D:2018	<0.050
	Soluble Nickel (Ni) (3% Acid: 20°C, 24h) (mg/kg)	EN 13130-1: 2004; Refer to EPA 6010D:2018	<0.020



Test Result(s):

No.	Test Item(s)	Test method	Test Result(s)	
001	Migration of aromatic primary amine	10% Ethanol (70°C, 1h) (mg/kg)	EN 13130-1:2004 BS EN 14362-1-2017:9.4.~9.5	<0.01
		3% Acid (70°C, 1h) (mg/kg)	EN 13130-1:2004 BS EN 14362-1-2017:9.4.~9.5	<0.01
		Isooctane (40°C, 0.5h) (mg/kg)	EN 13130-1:2004 BS EN 14362-1-2017:9.4.~9.5	<0.01
	Migration of TNPP	10% Ethanol (70°C, 1h) (mg/kg)	Inhouse Method	<2.0
		3% Acid (70°C, 1h) (mg/kg)	Inhouse Method	<2.0
		95% Ethanol (40°C, 0.5h) (mg/kg)	Inhouse Method	<2.0

Remark:

1. Tested by total immersion
2. Corrected by 40 cm²/100mL
3. Analysis conditions of Total Migration of isooctane referred to JRC/ (EU) No 10/2011 -Conformance testing technology guidelines (draft).

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