Test Report

No.: TSNEC25004743401 **Date:** Dec 31, 2025

Client Name: PETROCHINA REFINING & CHEMICALS COMPANY

Client Address: 9 DONGZHIMEN NORTH STREET, DONGCHENG DISTRICT, BEIJING, P.R. CHINA

Sample Name:	PS-GPPS
Model No.:	GPPS525
Supplier:	PETROCHINA GUANGXI PETROCHEMICAL COMPANY

The above sample(s) and information were provided by the client.

SGS Job No.:	TIC10202512121008240DT6
Sample Receiving Date:	Dec 22, 2025
Testing Period:	Dec 22, 2025 ~ Dec 31, 2025
Test Requested:	Select test(s) as requested by the client.
Test Method(s):	Please refer to next page(s).
Test Result(s):	Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Patrick Kou 寇怀江
Approved Signatory

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60C291FA

检验检测专用章
Inspection & Testing Services
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.
Chemical Laboratory

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	Test Requirement	Comment
1	GB 4806.7-2023 - Sensory requirement (Sensory: Normal color, no smell, no impurity)	Pass
2	GB 4806.7-2023 - Sensory requirement (Marinate: No turbidity, no precipitate, no smell or other sensory deterioration)	Pass
3	GB 4806.7-2023 - Overall Migration	Pass
4	GB 4806.7-2023 - Consumption of Potassium Permanganate	Pass
5	GB 4806.7-2023 - Heavy metal (as Pb)	Pass

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	TSN25-0047434-0001.C001	colorless transparent sheet	PS-GPPS

Remarks:

(1) mg/dm^2 = milligram per square decimeter
$mg/inch^2$ = milligram per square inches
$\mu g/cm^2$ = microgram per square centimeter
mg/L = milligram per litre
mg/kg = milligram per kilogram
(2) ℃ = degree Celsius
℉ = degree Fahrenheit
(3) < = less than
(4) RL = Reporting Limit
(5) ND = Not Detected (< RL).

The ratio of surface area to volume

Sample No	Overall Migration	Specific Migration
A1	6.0 dm²/kg	6.0 dm²/kg

GB 4806.7-2023 - Overall Migration

Test Method: GB 31604.8-2021 part 1.

Simulant used	No of Migration	Test Condition	Limit	Unit(s)	RL	A1	Comment
10% Ethanol(V/V)	1st	40 ºC, 0.5 hr	10	mg/dm²	3.0	ND	Pass
4% Acetic Acid(V/V)	1st	40 ºC, 0.5 hr	10	mg/dm²	3.0	ND	Pass
95% Ethanol	1st	40 ºC, 0.5 hr	10	mg/dm²	3.0	ND	Pass
Isooctane	1st	20 ºC, 0.5 hr	10	mg/dm²	3.0	ND	Pass

GB 4806.7-2023 - Consumption of Potassium Permanganate

Test Method: GB 31604.2-2016.

Simulant used	No of Migration	Test Condition	Limit	Unit(s)	RL	A1	Comment
Distilled water	1st	60 ºC, 2 hrs	10	mg/kg	1	ND	Pass

GB 4806.7-2023 - Heavy metal (as Pb)

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Test Method: GB 31604.9-2016 method I.

Simulant used	No of Migration	Test Condition	Limit	Unit(s)	A1	Comment
4% Acetic Acid(V/V)	1st	60 ºC, 2 hrs	1	mg/kg	<1	Pass

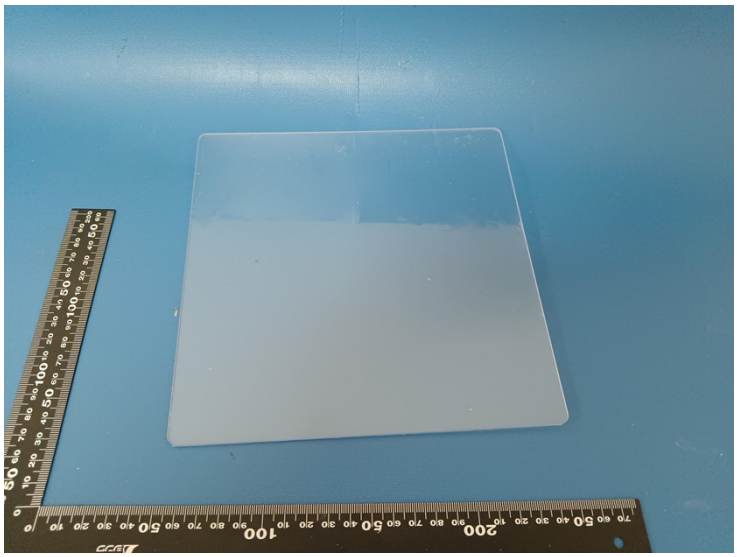
The report is the English version of another report (Report No.TSNEC25004743402) , if any discrepancy between Chinese version and English version , the Chinese version shall prevail.
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

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Sample Photo:



TSN25-0047434-0001.C001

SGS authenticate the photo on original report only

*** End of Report ***

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