



中国认可
国际互认
检测
TESTING
CNAS L2774

检测报告

编号: TSNEC25002089906

日期: 2025 年 06 月 18 日

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客户名称: 中国石油天然气股份有限公司炼油与化工分公司

客户地址: 北京市东城区东直门北大街 9 号

样品名称: 聚苯乙烯

型号: GPPS-500

供应商: 中国石油天然气股份有限公司独山子石化分公司

以上样品及信息由客户提供。

SGS 工作编号: TIC1020250606093957KBOL

样品接收时间: 2025 年 06 月 11 日

检测周期: 2025 年 06 月 11 日 ~ 2025 年 06 月 18 日

检测要求: 根据客户要求检测。

检测方法: 见后续页。

检测结果: 见后续页。

通标标准技术服务(天津)有限公司
授权签名

寇怀江

Patrick Kou 寇怀江
批准签署人

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	检测要求	说明
1	GB 4806.7-2023 - 感官(外观：色泽正常、无异臭、不洁物等)	符合
2	GB 4806.7-2023 - 感官(浸泡液：迁移试验所得浸泡液无浑浊、沉淀、异臭等感官性能的劣变)	符合
3	GB 4806.7-2023 - 总迁移量	符合
4	GB 4806.7-2023 - 高锰酸钾消耗量	符合
5	GB 4806.7-2023 - 重金属(以 Pb 计)	符合



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检测结果:

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述	材质 (客户提供)
SN1	A3	TSN25-0020899-0001.C003	白色半透明片	聚苯乙烯

备注:

- (1) mg/dm^2 = 毫克每平方米
 mg/inch^2 = 毫克每平方英寸
 $\mu\text{g/cm}^2$ = 微克每平方厘米
 mg/L = 毫克每升
 mg/kg = 毫克每千克
- (2) $^{\circ}\text{C}$ = 摄氏度
 $^{\circ}\text{F}$ = 华氏度
- (3) $<$ = 小于
- (4) RL = 报告检出限
- (5) ND = 未检出 ($<$ RL)。

面积体积比

样品编号	总迁移	特定迁移
A3	$6.0 \text{ dm}^2/\text{kg}$	$6.0 \text{ dm}^2/\text{kg}$

GB 4806.7-2023 - 总迁移量

检测方法: GB 31604.8-2021 第一部分。

模拟液	迁移次数	检测条件	限值	单位	RL	A3	说明
10%乙醇(V/V)	第一次	40°C , 0.5 hr	10	mg/dm^2	3.0	ND	符合
4%乙酸(V/V)	第一次	40°C , 0.5 hr	10	mg/dm^2	3.0	ND	符合
95%乙醇	第一次	40°C , 0.5 hr	10	mg/dm^2	3.0	ND	符合
异辛烷	第一次	20°C , 0.5 hr	10	mg/dm^2	3.0	ND	符合

GB 4806.7-2023 - 高锰酸钾消耗量

检测方法: GB 31604.2-2016。

模拟液	迁移次数	检测条件	限值	单位	RL	A3	说明
蒸馏水	第一次	60°C , 2 hrs	10	mg/kg	1	1.4	符合

GB 4806.7-2023 - 重金属(以 Pb 计)

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检测方法: GB 31604.9-2016 第一法。

模拟液	迁移次数	检测条件	限值	单位	A3	说明
4%乙酸(V/V)	第一次	60 °C, 2 hrs	1	mg/kg	<1	符合

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 ($w=0$) 的二元判定规则进行符合性判定。

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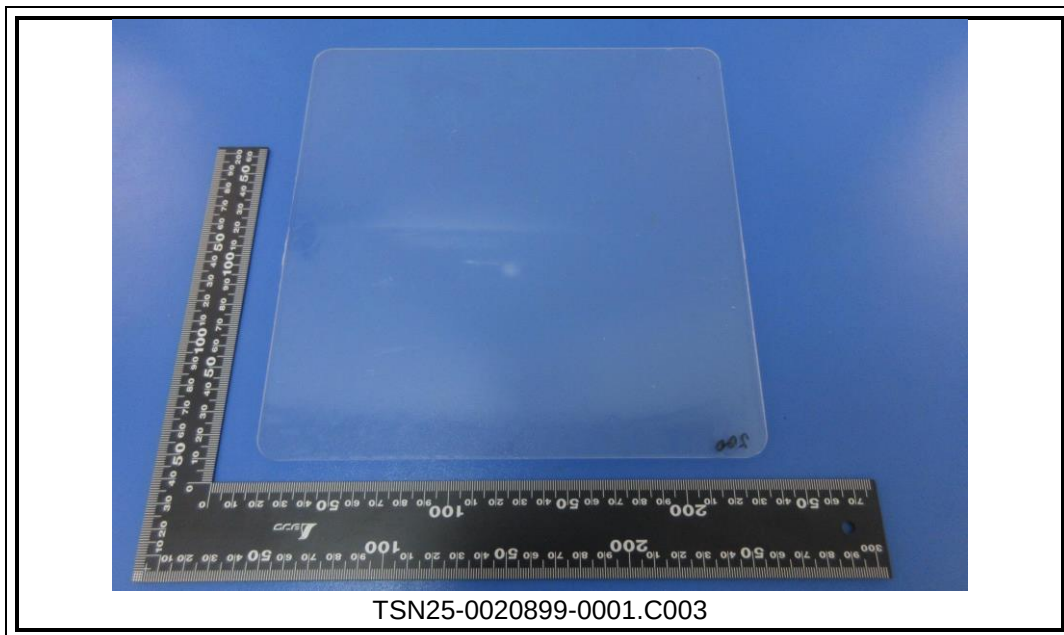
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