检测报告

编号：SHAEC26007096524　　**日期：**2026 年 04 月 27 日　　

客户名称：　扬子石化-巴斯夫有限责任公司

客户地址：　南京市六合区乙烯路 266 号

样品名称：　高压低密度聚乙烯

型号：　2426H

以上样品及信息由客户提供。

SGS 工作编号：　SHP26-009429

样品接收时间：　2026 年 03 月 23 日

检测周期：　2026 年 03 月 23 日 ~ 2026 年 04 月 27 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（上海）有限公司
授权签名

Jenny Lan 兰柳珍
批准签署人

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	检测要求	说明
1	GB 4806.7-2023 - 感官要求(感官：色泽正常，无异臭、不洁物等)	符合
2	GB 4806.7-2023 - 感官要求(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	A7	SHA26-0070965-0001.C007	白色固体	LDPE

备注：

(1) mg/dm^2 = 毫克每平方分米
$mg/inch^2$ = 毫克每平方英寸
$\mu g/cm^2$ = 微克每平方厘米
mg/L = 毫克每升
mg/kg = 毫克每千克

(2) ℃ = 摄氏度
℉ = 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
A7	6.0 dm^2/kg

GB 4806.7-2023 - 总迁移量

检测方法： GB 31604.8-2021。

模拟液	迁移次数	检测条件	限值	单位	RL	A7	说明
10%乙醇(V/V)	第三次	20 ℃，10 天	10	mg/dm^2	3.0	ND	符合
4%乙酸(V/V)	第三次	20 ℃，10 天	10	mg/dm^2	3.0	ND	符合
95%乙醇	第三次	20 ℃，10 天	10	mg/dm^2	3.0	ND	符合
异辛烷	第三次	20 ℃，24 hrs	10	mg/dm^2	3.0	ND	符合

备注：

(1) 对于重复使用的材料及制品，以第三次迁移试验测定结果为依据进行合规性判定。

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	A7	说明
蒸馏水	第一次	60 ℃，2 hrs	10	mg/kg	1	2.1	符合

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GB 4806.7-2023 - 重金属(以 Pb 计)

检测方法： GB 31604.9-2016 第一法。

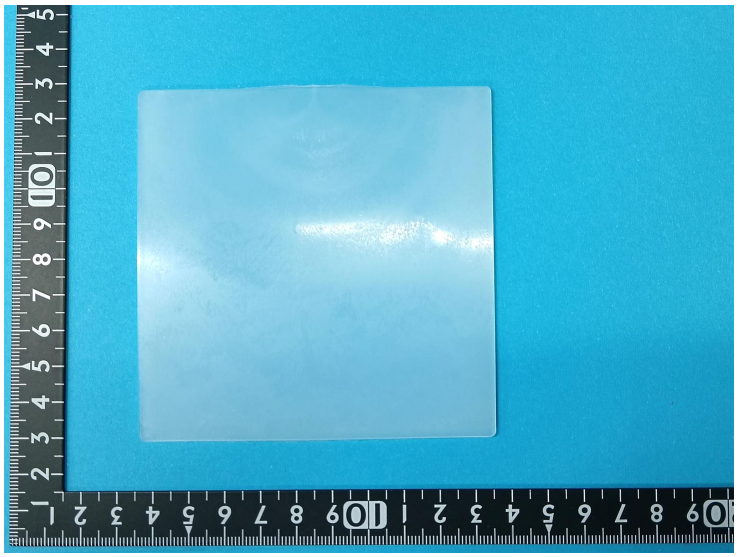
模拟液	迁移次数	检测条件	限值	单位	A7	说明
4%乙酸(V/V)	第一次	60 ℃，2 hrs	1	mg/kg	<1	符合

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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