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Biaxially Oriented Polyamide (BOPA) Film — Safety
双向拉伸尼龙（BOPA）薄膜 — 安全数据

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APIG-EX-BOPA-SDS-2026	**Rev. 2.0**	**2026-11-09**	**Safety Data / 安全数据**

1 • SAMPLE & SCOPE 样品与检测范围

Item 项目	Description 说明
Product 产品	Biaxially Oriented Polyamide Film 双向拉伸聚酰胺薄膜 (BOPA / PA6)
Framework 编制依据	91/155/EEC & ISO 11014-1 safety data sheet structure
Appearance 外观	Film 薄膜

2 • TEST ITEMS & RESULTS 检测项目与结果

Component 组分	CAS No. CAS 编号	Content 含量 %	PEL / TLV 接触限值
Polyamide 6 聚酰胺 6	25038-54-4	100	Not established 未制定

Property 项目	Value / Statement 数值 / 结论
Carcinogenicity 致癌性	Not listed (NTP / IARC / OSHA) 未列入致癌物清单
Flash point 闪点	Not applicable 不适用
Flammability limits 燃烧极限	Not applicable 不适用
Combustion 燃烧特性	Flammable; acrid smoke and irritating fumes 可燃，产生刺激性烟雾
Extinguishing media 灭火剂	Dry chemical, water fog, foam, CO□ 干粉 / 水雾 / 泡沫 / 二氧化碳
First aid — eyes 眼部急救	Flush with water for 15 minutes 清水冲洗 15 分钟
First aid — skin 皮肤急救	Wash with soap and water 肥皂水清洗
Dust precaution 粉尘防护	Avoid dust accumulation (dust explosion risk) 防止粉尘积聚

3 • CONCLUSION 结论

No health hazards are reported from normal use. Thermal decomposition can create toxic vapours, gases or fumes. The product is not classified as a carcinogen; dust generated during mechanical handling should not be allowed to accumulate.

正常使用未见健康危害报告;热分解可能产生有毒蒸气与烟气。产品未列入致癌物清单;机械加工产生的粉尘应避免积聚以防火灾与粉尘爆炸。

Numerical test data are summarised on this sheet. Values are indicative and relate only to the sample tested;数值仅供参考且仅对送测样品有效，订单执行以正式技术协议为准。

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