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Polyolefin Film — Packaging Heavy Metals Test Data
聚烯烃薄膜 — 包装重金属检测数据

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APIG-EX-PKG-HEAVY-METALS-2026	**Rev. 2.0**	**2026-11-09**	**Test Data / 检测数据**

1 • SAMPLE & SCOPE 样品与检测范围

Item 项目	Description 说明
Sample 样品	Polyolefin film 聚烯烃薄膜 (PP / PE)
Requirement 依据	European Council Directive 94/62/EC 包装及包装废弃物指令
Method 方法	ICP-OES for Cd / Pb / Hg; colorimetric determination for Cr(VI)
Unit 单位	1 mg/kg = 1 ppm = 0.0001 %; ND = not detected (< MDL)

2 • TEST ITEMS & RESULTS 检测项目与结果

Test item 检测项目	Method / Standard 方法 / 标准	MDL 检出限	Limit 限值	Result 结果
Cadmium (Cd) 镉	ICP-OES	5 mg/kg	—	ND
Lead (Pb) 铅	ICP-OES	5 mg/kg	—	ND
Mercury (Hg) 汞	ICP-OES	5 mg/kg	—	ND
Hexavalent Chromium (Cr VI) 六价铬	Colorimetric 比色法	5 mg/kg	—	ND
Sum of the four metals 四项合计	—	—	100 mg/kg	Complies 符合

Limit of 100 mg/kg applies to the sum of the four metals. No individual limit is specified in the directive. 100 mg/kg 为四项重金属之和的限值，指令未对单项另设限值。

3 • CONCLUSION 结论

When tested, the sum of lead, cadmium, mercury and hexavalent chromium in the submitted packaging sample complies with the limit stated in 94/62/EC; all four elements were below the method detection limit of 5 mg/kg.

按指定方法检测，送检包装样品中铅、镉、汞、六价铬四项含量之和符合 94/62/EC 指令限值;四个单项均低于 5 mg/kg 的方法检出限，判定为未检出。

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。