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# FDA TEST REPORT

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Shenzhen EMTEK Co., Ltd.

Ground Floor, West Side of Electronic Factory of EVOC Technology Industrial Park, No.11,  
Gaoxin Road, Guangming Street, Guangming New District, Shenzhen, Guangdong, China

# Test Report

No.: EM151023042F001

Date: Oct. 28, 2015

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**Applicant** : JIANGMEN CITY SID PLASTICS CO., LTD  
**委托单位** : 江门市希德塑料制品有限公司  
**Address** : NO,50 SECOND INDUSTRIAL ZONE,YONG'AN,HUICHENG DISTRICT,JIANGMEN CITY,CHINA.

**地 址** : 广东省江门市新会区会城镇永安第二工业区 50 号

**Sample Name** : Low-density Polyethylene Sealing Gasket

**样品名称** : 低密度聚乙烯密封垫片

**Material** : PE Low-density Polyethylene

**材料** : PE 低密度聚乙烯

**Received Date** : Oct. 23, 2015

**接收日期** : 2015 年 10 月 23 日

**Test Period** : Oct. 23, 2015~ Oct. 28, 2015

**检测日期** : 2015 年 10 月 23 日~2015 年 10 月 28 日

**Test Requested** : As requested by client, according to the Food and Drug Administration (FDA) 21 CFR 177.1520, to proceed certain testings for the submitted sample.

**检测要求** : 根据客户要求, 美国食品与药物管理局食品接触测试标准第 21 篇 177.1520 章节, 对所提交样品进行相关测试。

**Test Results** : Please refer to next page (s).

**检测结果** : 请参看随后页面。

**Executive Summary:**

执行测试总结:

STANDARD 标 准	CONCLUSION 结 论
Food and Drug Administration (FDA) 21 CFR 177.1520	PASS
-- Extractable fraction in n-hexane, Soluble fraction in xylene 美国食品与药物管理局食品接触测试标准第 21 篇 177.1520 章节	合格
--正己烷回流提取物, 二甲苯溶出物	

Signed for and on behalf of  
Shenzhen EMTEK Co., Ltd.

Tested by:

*Ray Guo*  
Ray Guo

Test engineer

Reviewed by:

*Vencent*  
Vencent

Technical supervisor

Approved by:

*Jason*  
Jason

Authorized signatory  
Oct. 28, 2015

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**Test results:**

**检测结果:**

Test method: Reference to the FDA Density and Extraction on Polyethylene(PE) - As specified in FDA 21 CFR 177.1520.

检测方法: 根据 FDA 21 CFR 177.1520, 针对聚乙烯进行密度和萃取物测试。

Test Item 测试项目	Result 结果	MDL	Limit 限值
	White soft plastic 白色软塑胶		
Extractable fraction in n-hexane, w/w% 正己烷回流提取物, w/w%	ND	0.5	5.5
Soluble fraction in xylene, w/w% 二甲苯溶出物, w/w%	3.4	1.0	11.3

Note:  $\text{g/cm}^3$  = grams per cubic centimeter  
备注:  $\text{g/cm}^3$  = 克每立方厘米  
MDL = Method Detection Limit  
MDL = 方法检出限

% = mass percent  
% = 质量百分比  
ND = Not Detected (less than MDL)  
ND = 未检测到 (小于 MDL)

**Sample Photos**  
样品照片



\*\*\* End of Report \*\*\*  
\*\*\* 报告结束 \*\*\*

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