

蜡烛以及相关产品的安全测试挑战



随着消费者生活品位的提高，蜡烛的销量不断增加，蜡烛受到广大消费者的欢迎。与此同时，与之相关的事故发生率也不断增加。蜡烛直接引起的家庭火灾和悲剧，一部分是由于蜡烛的不恰当使用造成，另一部分则是由于蜡烛和烛台的设计不合理造成。

欧盟法令《1994年一般产品安全规定》针对蜡烛和烛台的安全性做出了严格的要求。

我们的解决方案



Intertek天祥集团可以为您提供以下有关蜡烛、烛台和相关产品（熏香棒、香精炉等）的测试和评估：

安全项目：

- * 燃烧性能和灯芯性能
- * 由颜料、装饰物、蜡芯碎片、容器以及蜡烛成分形成的二级蜡芯
- * 蜡烛容器的温度
- * 杯烛和茶光烛的闪耀度
- * 防闪耀程度（茶光烛及灯烛）
- * 快速熔解和蜡物的溢出量（%）
- * 蜡烛容器的防温差骤变能力
- * 稳定性
- * 标签
- * 蜡芯含铅量
- * 用于燃烧的涂料的重金属含量

性能方面的项目包括：

- * 烟灰的产生和烟灰的容装
- * 燃烧时间
- * 蜡烛损耗率（%）

其他影响安全和性能的项目：

- * 蜡闪点
- * 蜡的冷却温度
- * 蜡种类的鉴别和纯度
- * 蜡芯种类的鉴别和使用率

相关服务

- * 提供度身订做的安全和性能方案
- * 消费者投诉调查
- * 提供专业鉴定证据
- * 蜡烛安全培训课程
- * 按零售商要求进行审核和鉴定

除以上标准测试外，我们还可应客户的要求提供个性化的产品安全和质量测试服务。

区域联络

▶ 深圳 | 地址：深圳南山区蛇口工业七路科技大厦主楼7层
 热线：+86 755 26020111
 传真：+86 755 26837118/19/01
 E-mail: consumergoods.shenzhen@intertek.com

▶ 上海 | 上海市宜山路889号齐来工业城4号楼2层 邮编：200233
 热线：+86 21 61206565 传真：+86 21 64954500
 E-mail: consumergoods.shanghai@intertek.com

▶ 广州 | 地址：广州经济技术开发区科学城彩频路11号广东软件园E栋
 热线：+86 20 32102205 传真：+86 20 32206081/2
 E-mail: testing.guangzhou@intertek.com

Safety Testing of Candles and Related Products

The Challenge



With people's increasing desires for living in style, candles are in large demand. But, at the same time, fire accidents caused by candles are also increasing, some are due to improper use of candles, and some are caused by bad design of candles and candle holders.

The EU has set stringent safety requirements for candles and candleholders, such as the General Product Safety Regulations 1994.

Our Solution



Intertek offers testing and evaluation services for candles, candleholders and related products including:

Safety features:

- * Burning and wick
- * Dyes, decorations, fragments of wick, container and secondary wick formed by ingredients of candle
- * Temperature of candle container
- * Flicker of cup candles and tea light candles
- * Flicker proof (cup candles and tea light candles)
- * Fast melt and spill of wax (%)
- * Sharp temperature change proof of candle container
- * Stability
- * Label
- * Lead content of wick
- * Heavy metal content of the paints used for burning

Performance features:

- * Smoke and ash and the container
- * Burning time
- * Loss rate of candles (%)

Other features related to safety and performance:

- * Flicker point
- * Cooling temperature of candle
- * Categorization and purity of candles
- * Categorization and usage rate of wicks

Related Services

- * Customized safety and performance solutions
- * Customer complaint survey
- * Provide evidences for professional assessment
- * Candle safety training
- * Customized audit and assessment as per requirement by retailers

Besides the above standard tests, we can also tailor product safety and performance tests according to your needs, please contact us to find out what we can do for you.

Regional Contacts

► **Shenzhen** | 6-7/F, Shekou Technology Main Building,
Industrial 7th Road, Shekou, Shenzhen, 518067 China
Hotline: +86 755 26020111 Fax: +86 755 26837118/19/01
E-mail: consumergoods.shenzhen@intertek.com

► **Guangzhou** | Block E, No.7 Guang Dong Software Science Park, Caipin Road,
Guangzhou Science City, GETDD Guangzhou, 510730 China
Hotline: +86 20 32102205 Fax: +86 20 32206081/2
E-mail: testing.guangzhou@intertek.com

► **Shanghai** | 2nd Floor, Building No. 4, Shanghai, Comalong Industrial Park,
889 Yi Shan Road, Shanghai, China, 200233
Hotline: +86 21 61206565 Fax: +86 21 64954500
E-mail: consumergoods.shanghai@intertek.com