



测试报告

No. TJTC 0828610/CHEM

Date: 2008.7.28

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烟台伊思特硅胶科技有限公司
山东省烟台市环海路 89 号

基于委托检验样品 SILICONE 的报告如下:

SGS 相关号 : 11167264-2
主要成份 : VINYL-FUNCTIONAL POLYDIMETHYSILOXANE WITH CROSS LINKER
型号 : TSL-701

样品收到日期 : 2008-07-21
样品试验日期 : 2008-07-21—2008-07-28

试验要求 : 1) 测定委托样品中的镉含量
2) 测定委托样品中的铅含量
3) 测定委托样品中的汞含量
4) 测定委托样品中的六价铬含量
5) 测定委托样品中的多溴联苯(PBBs),多溴二苯醚(PBBEs/PBDEs)含量
6) 按客户要求, 测定委托样品的 DBP, BBP, DEHP, DINP, DNOP 和 DIDP 含量

试验方法 : 1) 参考 IEC 62321/2nd CDV (111/95/CDV)方法, 采用电感耦合等离子发射光谱仪(ICP-AES)测定镉的含量
2) 参考 IEC 62321/2nd CDV (111/95/CDV)方法, 采用电感耦合等离子发射光谱仪(ICP-AES)测定铅的含量
3) 参考 IEC 62321/2nd CDV (111/95/CDV)方法, 采用电感耦合等离子发射光谱仪(ICP-AES)测定汞的含量
4) 参考 US EPA 3060A 和 7196A 方法, 采用紫外-可见分光光度计(UV-Vis)进行比色法测定六价铬的含量
5) 参考 IEC 62321/2nd CDV (111/95/CDV)方法, 采用气相色谱-质谱联用仪(GC-MS)测定多溴联苯(PBBs)和多溴二苯醚(PBDEs)的含量
6) 参照 ASTM D 3421-75 的方法, 采用 GC/MS 进行分析.

试验结果 : 见后续页

SGS-CSTC 化学实验室授权签字

祁玉清
经理

可根据客户要求提供英文报告 (English report is available in the SGS lab that the Chinese report issued from according to the request of client)

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化学方法的试验结果

镉, 铅, 汞, 六价铬, 多溴联苯和多溴二苯醚的含量(单位: mg/kg)

测试项目:	方法 (参见)	A	MDL
镉(Cd)	(1)	n.d.	2
铅(Pb)	(2)	n.d.	2
汞(Hg)	(3)	n.d.	2
碱性溶液萃取测六价铬(Cr VI)	(4)	n.d.	2
多溴联苯(PBBs)之和	(5)	n.d.	-
一溴联苯		n.d.	5
二溴联苯		n.d.	5
三溴联苯		n.d.	5
四溴联苯		n.d.	5
五溴联苯		n.d.	5
六溴联苯		n.d.	5
七溴联苯		n.d.	5
八溴联苯		n.d.	5
九溴联苯		n.d.	5
十溴联苯		n.d.	5
多溴二苯醚(PBDEs)之和		n.d.	-
一溴二苯醚		n.d.	5
二溴二苯醚		n.d.	5
三溴二苯醚		n.d.	5
四溴二苯醚		n.d.	5
五溴二苯醚		n.d.	5
六溴二苯醚		n.d.	5
七溴二苯醚		n.d.	5
八溴二苯醚		n.d.	5
九溴二苯醚		n.d.	5
十溴二苯醚 ##		n.d.	5

邻苯二甲酸盐(或酯)的含量(单位: %)

项目	方法 (参见)	A	MDL
邻苯二甲酸二丁酯(DBP)含量	(6)	n.d.	0.003
邻苯二甲酸丁酯苄酯(BBP)含量		n.d.	0.003
邻苯二甲酸二(2-乙基己基)酯(DEHP)含量		n.d.	0.003
邻苯二甲酸二异壬酯(DINP)含量		n.d.	0.01
邻苯二甲酸二正辛酯(DNOP)含量		n.d.	0.003
邻苯二甲酸二异癸酯(DIDP)含量		n.d.	0.01

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测试部件外观描述:

A. 透明膏体

备注: (1) 毫克每千克=百万分之一(mg/kg=ppm)

(2) n.d. = 未检出

(3) MDL = 方法检测极限值

(4) ## =根据欧洲法庭 2008 年 4 月 1 日的决议, 2005/717/EC 中关于聚合物样品中十溴二苯醚的豁免被否决。自 2008 年 7 月 1 日起, 十溴二苯醚将被包含于多溴二苯醚的总和计算之中。

(5) 多溴二苯醚 = 多溴联苯醚

(6) "-" = 未规定

(7) %=百分比重量

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