

测试报告

No. TSNEC2000250002

日期: 2020年03月12日 第1页,共9页

邢台钢铁有限责任公司

中国河北省邢台市钢铁南路262号

以下测试之样品是由申请者所提供及确认: 热轧圆盘条

SGS工作编号: TP20-000957 - TJ

主要成份: 铁

型号: XGSRCH22A

客户参考信息: 其他型号: 见附页:

样品接收日期: 2020年03月09日

测试周期: 2020年03月09日 - 2020年03月12日

测试要求: 根据客户要求测试

测试方法: 请参见下一页

测试结果: 请参见下一页

结论: 基于所送样品进行的测试, 镉、铅、汞、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸酯(如邻苯二甲酸二丁酯(DBP)、邻苯二甲酸丁酯(BBP)、邻苯二甲酸二(2-乙基己基)酯(DEHP)和邻苯二甲酸二异丁酯(DIBP))的测试结果符合欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。

通标标准技术服务(天津)有限公司
授权签名

(周艳)

Reabeca Zhou周艳
批准签署人



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测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	TSN20-002500.001	灰色金属棒

备注:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS 指令2011/65/EU附录II的修正指令(EU) 2015/863

测试方法: 参考IEC 62321-5:2013, IEC 62321-4:2013+AMD1:2017, IEC 62321-7-1:2015, IEC 62321-6:2015和IEC 62321-8:2017, 采用ICP-OES,UV-Vis和GC-MS进行分析.

测试项目	限值	单位	MDL	001
镉(Cd)	100	mg/kg	2	ND
铅(Pb)	1000	mg/kg	2	ND
汞(Hg)	1000	mg/kg	2	ND
六价铬(Cr(VI))▼	-	µg/cm²	0.10	ND
多溴联苯之和(PBBs)	1000	mg/kg	-	ND
一溴联苯	-	mg/kg	5	ND
二溴联苯	-	mg/kg	5	ND
三溴联苯	-	mg/kg	5	ND
四溴联苯	-	mg/kg	5	ND
五溴联苯	-	mg/kg	5	ND
六溴联苯	-	mg/kg	5	ND
七溴联苯	-	mg/kg	5	ND
八溴联苯	-	mg/kg	5	ND
九溴联苯	-	mg/kg	5	ND
十溴联苯	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND
二溴二苯醚	-	mg/kg	5	ND
三溴二苯醚	-	mg/kg	5	ND
四溴二苯醚	-	mg/kg	5	ND



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测试项目	限值	单位	MDL	001
五溴二苯醚	-	mg/kg	5	ND
六溴二苯醚	-	mg/kg	5	ND
七溴二苯醚	-	mg/kg	5	ND
八溴二苯醚	-	mg/kg	5	ND
九溴二苯醚	-	mg/kg	5	ND
十溴二苯醚	-	mg/kg	5	ND
邻苯二甲酸二丁酯(DBP)	1000	mg/kg	50	ND
邻苯二甲酸丁苄酯(BBP)	1000	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1000	mg/kg	50	ND
邻苯二甲酸二异丁酯(DIBP)	1000	mg/kg	50	ND

备注:

(1) 最大允许极限值引用自RoHS指令(EU) 2015/863.

IEC 62321 系列等同于 EN 62321 系列

https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25

(2) ▼a. 当六价铬的浓度高于0.13 µg/cm²时, 样品为阳性, 即含有六价铬;

b. 当六价铬的浓度为ND(低于0.10 µg/cm²)时, 样品为阴性, 即未检测到六价铬;

c. 当六价铬的浓度介于0.10 µg/cm²与0.13 µg/cm²之间时, 无法直接判定是否检测到六价铬, 因不同个体的样品表面差异可能会影响测定结果;

由于未获知样品的存储条件和生产日期, 样品的六价铬测试结果仅能代表测试时样品含六价铬的状态。除非另有说明, 此报告结果仅对测试的样品负责。本报告未经本公司书面许可, 不可部分复制。

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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附页:

其它型号:

(XG)SWRCH6-22A、(XG)SWRCH6AB-22AB、SWRCH6ATi/8ATi/18ATi、
SWRCH6AB-Ti、SWRCH18AB-THA、SWRCH22A+Ti、SWRCH22A-Ti、
GSWRCH6A-A(A1)、GSWRCH10A、GSWRCH10A/12A/22A-1、
GSWRCH10A/15A/18A/22A-B、QSWRCH8A/10A/12A/15A/18A/22A-B、
QSWRCH10A-C、QSWRCH18AB-B、(XG)SWRCH10-45K、GSWRCH20K/25K/35K/40K/45K、
QSWRCH20K/25K/35K/40K/45K-MT、XGSWRCH45KB、XGSWRCH45KCr、GSWRCH35K-1、
GSWRCH35KM、GSWRCH35K-B、SWRCH40K-1(QSWRCH40K-C)、QSWRCH35K-B、
QSWRCH45K-B、QSWRCH45K-C、10B21-38、10B33-FY、10B33-FLT、10B21Cr-33Cr、
15B25、51B20、SAE10B21、SWRCH10B21、SAE10B35、XG10B21-38、XG10B33M、
XG15B21、XG15B25、G10B21、G10B21-C、Q10B21-C、Q10B21-DW(10B21)、
Q10B23M-C、Q15B25M-MT、Q15B25-B、QSAE10B35-B、(XG)ML20Cr、GML20Cr、
GML20Cr-B、QML20Cr-B、QML20Cr-DF、(XG)ML40Cr、GML40Cr、GML40Cr-A/B、
QML40Cr-B、QML40CrH-C、SCM415/420/435/440、SCM435-M、GSCM420/435/440-C、
QSCM435/440-C、QSCM435-MT、15-35CrMo、ML20CrMo、ML42CrMo(A)、GML42CrMo、
S15C-45C、XGS15C-45C、S45CB、S45CMOD、XGS45C-JC、XGS45CB、GS25C/35C/45C-A、
GS25C/35C/45C-B、QS35C-C、ML08Al、ML15Al、HD15、XGML08Al、ML35、GML08Al-B、
(XG)ML20MnTiB、G/QML20MnTiB-B、SAE1008-1018、SAE1006B-1018B、
SAE1006/1008/1010/1018-Ti、GSAE1018、QSAE1018-B、QSAE8640-B、(XG)35ACR、
WRCH7A(Q40ACR-C)、D106BT、D108BT、C4/8/10C、QC15C-B、1215、1215MS-1、
20CrMnTi、30CrMnTi、(G/Q)ML45Mn2、M8、M10、LY1、LY、CH1T、CH1A、XGM6-1/2/PB、
XG295NH、G295NH、XG835NH、50BV30、SAE6150、B7、16MnCr5、20MnB4、30MnVS6、
40CrMoV、40CrMoV4-6、SNB16、B16、C15E2CM、G33B2-B、MnB120H、MnB123H、
QSt32-3、Cq15、Q17Cr3-B、Q37MnB5、Q15MnVB-A、35VB、SCr420B、SCr440、
GSWRH67B、FT8、FT9、Q85Mn、GCr15、GCr15-A、GCr15-DH、GCr15-Y、GCr15-L、
GCr15-ZWZ、GCr15-LX、GCr15-LX1、QGCr15、(XG)SWRH72A、XGLX82A、XGLX82A-P、
XGLB72/75/82/85A(B)、XGLX72A-1、XGLX72B、55SiCrA(-1)、Q55SiCrA-1(54SiCr6)、
60Si2MnA、60Si2CrA、SWRS82B、GSWRH82B-1、HG18、Q215、LL15、S20A、20CrMnTi、
30CrMnTi、25MnV



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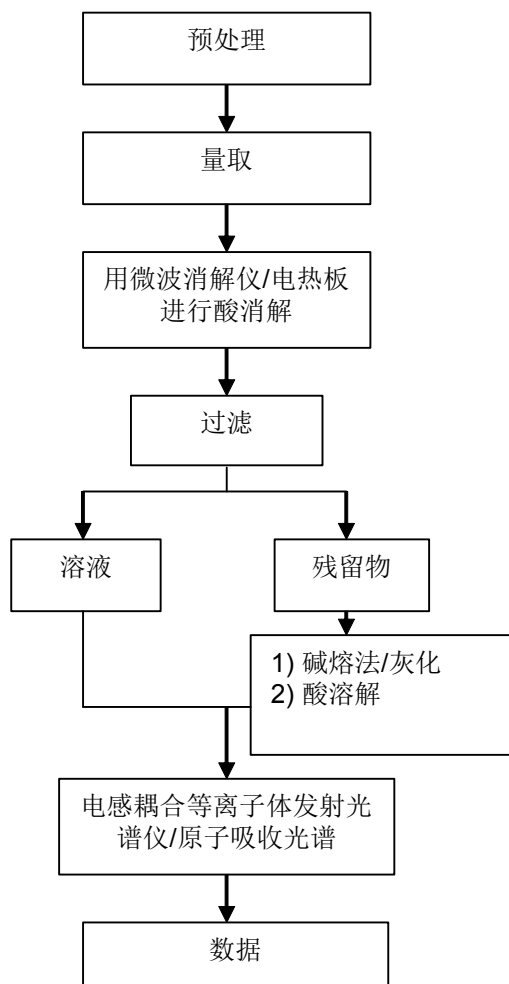
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元素(IEC62321) 测试流程图

1)样品按照下述流程被完全消解



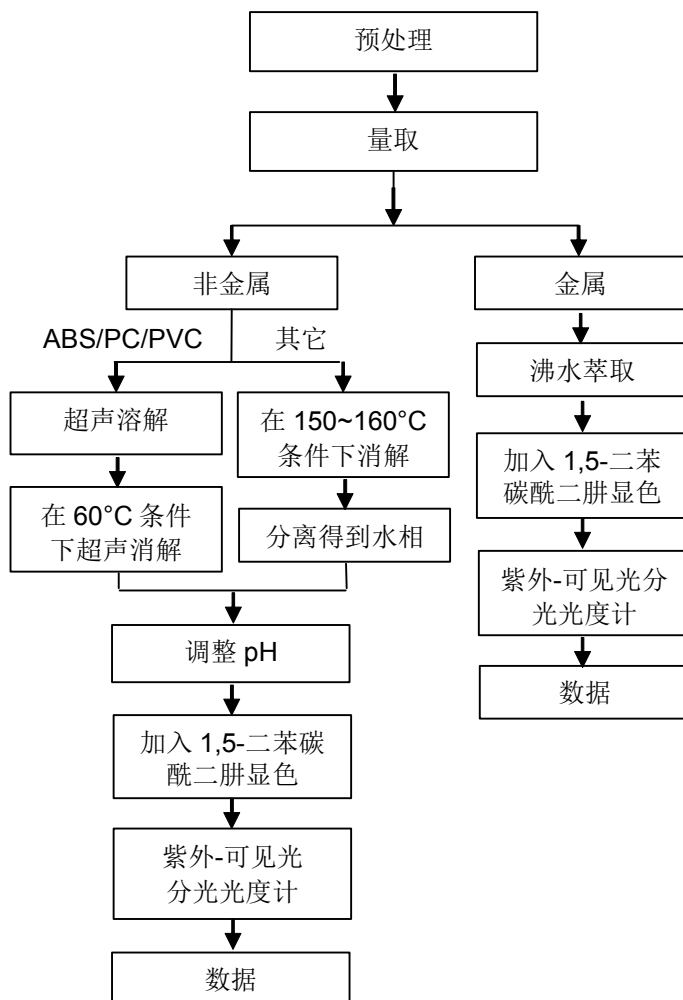
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六价铬测试流程图



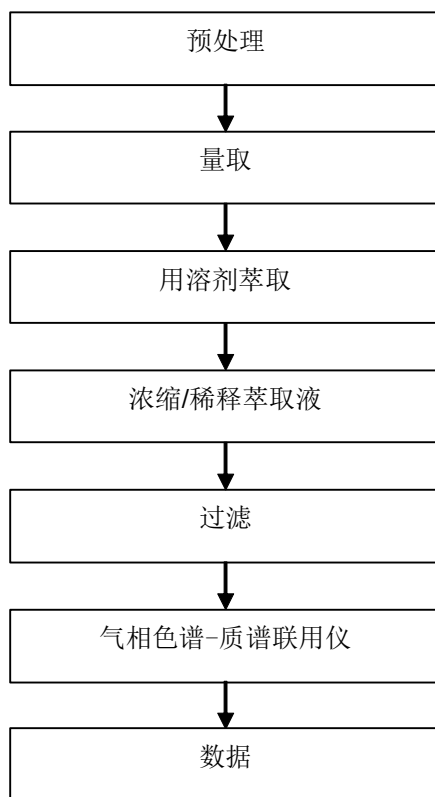
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PBBs/PBDEs 测试流程图



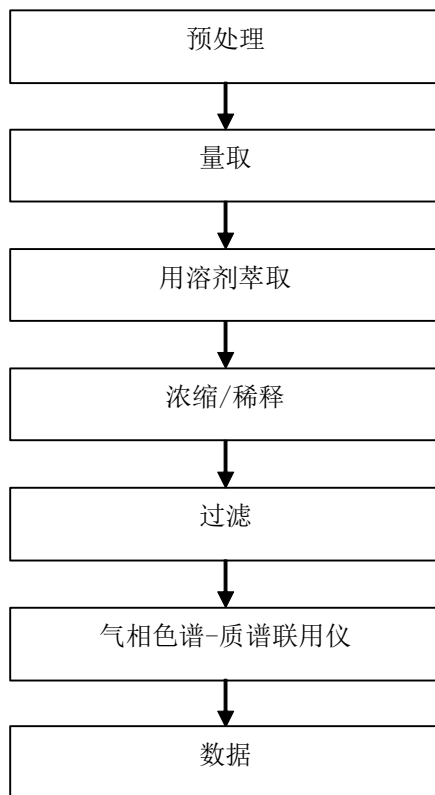
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Phthalates 测试流程图



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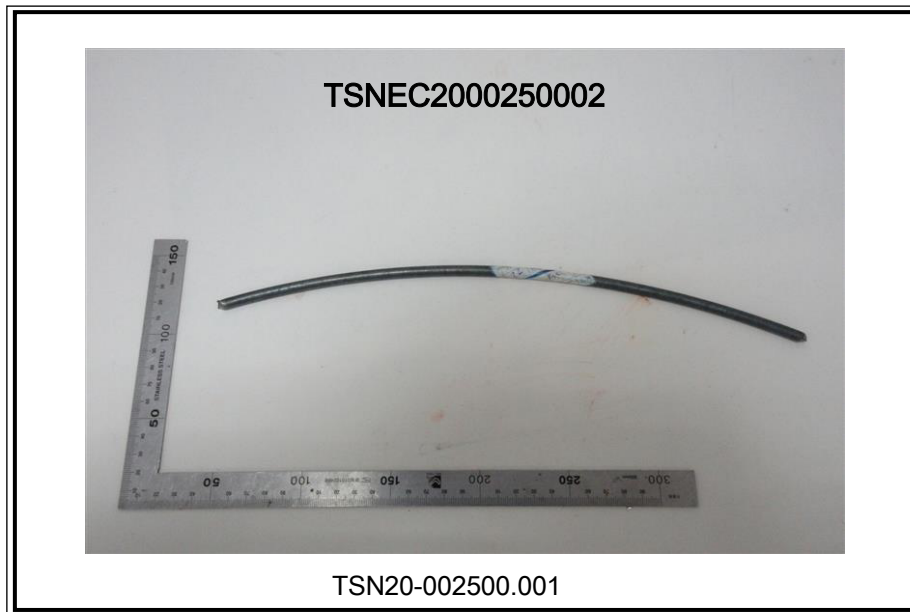
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