

## 检测报告

编号: TSNEC2200366004 A01

日期: 2022年06月14日

第1页,共10页

客户名称: 邢台钢铁有限责任公司  
客户地址: 河北省邢台市钢铁南路262号

样品名称: 热轧圆盘条  
主要成份: 铁  
型号: 10B21  
客户参考信息: 见附件:  
以上样品及信息由客户提供。

### 本报告取代检测报告TSNEC2200366002

SGS工作编号: TP22-004541 - TJ  
样品接收日期: 2022年03月07日  
检测周期: 2022年03月07日 - 2022年03月10日  
检测要求: 根据客户要求检测  
检测方法: 请参见下一页  
检测结果: 请参见下一页  
结论:

基于所送样品进行的检测, 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)、邻苯二甲酸丁苯酯(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))的检测结果显示符合欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。

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授权签名

Reabeca Zhou周艳  
批准签署人

scan to see the report



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第2页,共10页

检测结果:

### 检测样品描述:

样品编号	SGS样品ID	描述
SN1	TSN22-003660.001	黑色金属

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

检测方法: 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.

检测项目	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/cm <sup>2</sup>	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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第3页,共10页

检测项目	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](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  $\mu\text{g}/\text{cm}^2$ 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  $\mu\text{g}/\text{cm}^2$ )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  $\mu\text{g}/\text{cm}^2$ 与0.13  $\mu\text{g}/\text{cm}^2$ 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, 样品的六价铬检测结果仅能代表检测时样品含六价铬的状态。

本报告更新了客户参考信息。

除非另有说明, 参照ILAC-G8:09/2019, 使用简单接受 ( $w=0$ ) 的二元判定规则进行符合性判定。

除非另有说明, 此报告结果仅对检测的样品负责。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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第4页,共10页

附页:

(XG)SWRCH6-22A	<input type="checkbox"/> XG) SWRCH6AB-22AB	SWRCH6ATi/8ATi/18ATi
SWRCH6AB-Ti	SWRCH18AB-THA	SWRCH22A+Ti
SWRCH22A-Ti	SWRCH6A/10A/12A-P	GWRCH6A-A(A1)
GWRCH10A/15A	GWRCH10A/12A/22A-1	GWRCH10A/15A/18A/22A-B
SWRCH18A-G	QSWRCH10A/18A/22A	QSWRCH8A/10A/12A/15A/18A/22A-B
QSWRCH10A-C	QSWRCH18AB-B	(XG)SWRCH10-45K
GWRCH20K/25K/35K/40K/45K	QSWRCH20K/25K/35K/40K/45K	QSWRCH20K/25K/35K/40K/45K-MT
SWRCH35K-P	XGWRCH45KB	XGWRCH45KCr
GWRCH35K-1	GWRCH35KM	GWRCH35K-B
QSWRCH35K-B	SWRCH40K-1(QSWRCH40K-C)	QSWRCH45K-B
QSWRCH45K-C	10B21-38	10B33-FY
10B33-FLT	10B21Cr-33Cr	15B25
51B20	SAE10B21	SWRCH10B21
SAE10B35	XG10B21-38	XG10B33M
XG15B21	XG15B25	10B21-1
10B21-P	10B33-P	G10B21
G10B33	G10B21-C	Q10B21-C
Q10B21-K	Q10B21-DW (10B21)	Q10B23M-C
Q15B25M-MT	Q15B25M	Q15B25-B
QSAE10B35-B	(XG)ML20Cr	GML20Cr
GML20Cr-B	QML20Cr	QML20Cr-B
QML20Cr-DF	(XG)ML40Cr	ML40Cr-P
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	35CrMoA	ML20CrMo
ML42CrMo(A)	GML42CrMo	S15C-45C
XGS15C-45C	GS35C-1	GS45C-1
S45CB	S45CMOD	XGS45C-JC
XGS45CB	(XG)S45C-G	GS25C/35C/45C-A
GS25C/35C/45C-B	QS35C-C	ML08AI
ML08AI-1	ML15AI	HD15
XGML08AI	ML35	GML08AI-B
(XG)ML20MnTiB	ML20MnTiB-B	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	DT4
XGYT0	XGYT1	XGM6-1/2/PB
XG295NH	G295NH	XG835NH
50BV30	SAE6150	B7

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第5页,共10页

50BV30	SAE6150	B7
16MnCr5	(Q)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
GCr15-1	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	FT8-1	LD22
QS20C-B	(X)ER70S-6	NHF8
9SiCr	20Mn2	SWRH85B-DL
SWRH82BCr	SWRY11	Q195
Q195M	PYML1100	QS45C-C



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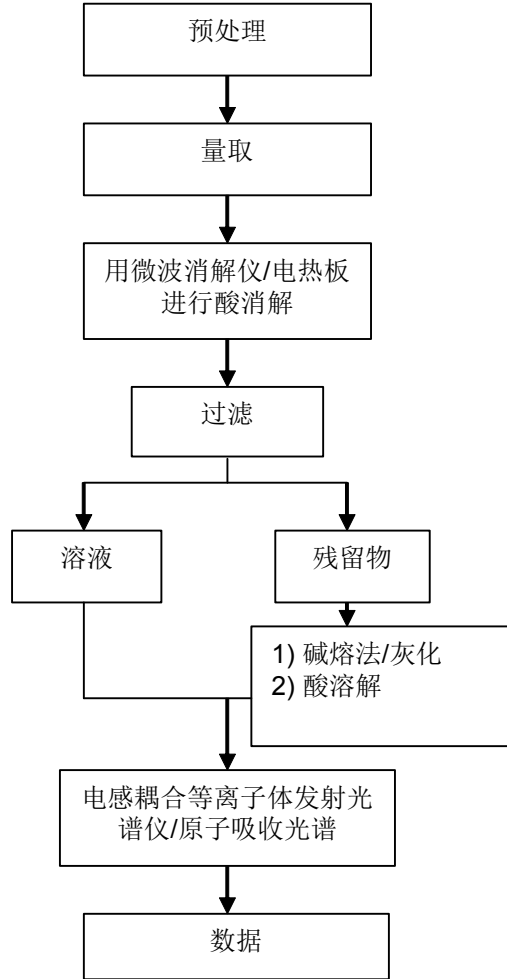
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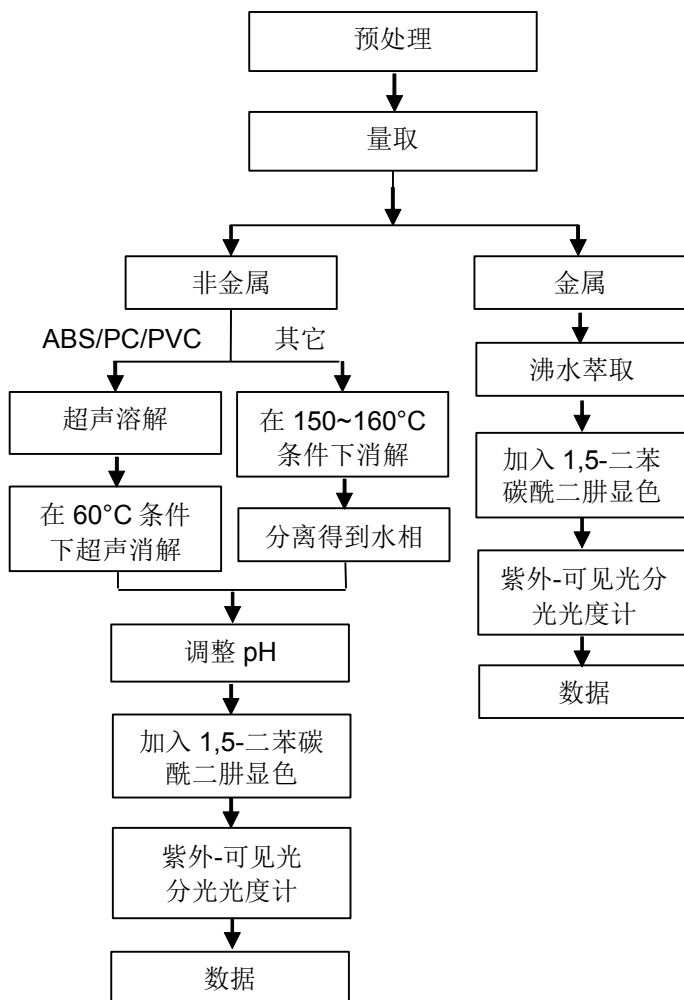
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## 元素(IEC62321) 检测流程图

1)样品按照下述流程被完全消解



## 六价铬检测流程图



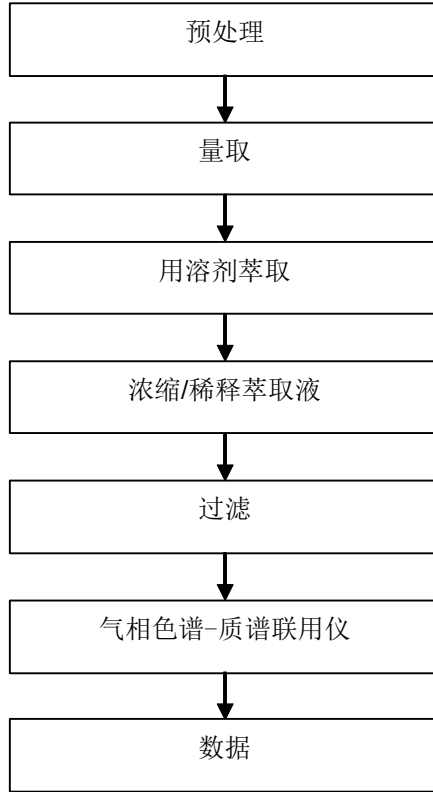
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## 阻燃剂检测流程图



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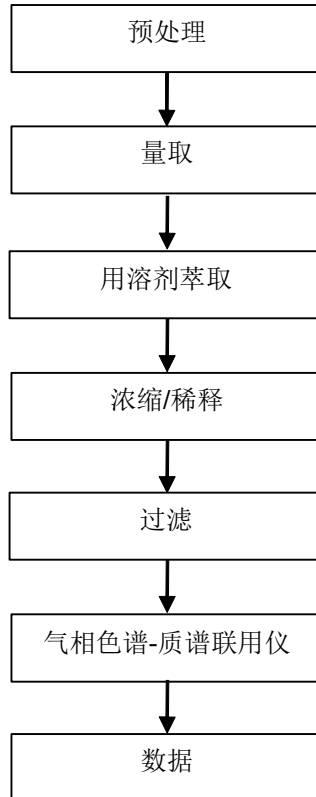
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附件

### 邻苯二甲酸酯检测流程图



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第10页,共10页

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