



河北申科磁性材料有限公司

Hebei Shenke Magnetic Materials Co.,Ltd

纳米晶带材承认书

Nano Ribbon Specification

客户代码(CUSTOMER): _____

客户产品名称(DESCRIPTION): _____

客户产品规格(CUSTOMER DWG): _____

客户产品编码(CUSTOMER P/N): _____

申科物料编码(SK&E P/N): _____ SK02

申科承认书编号(SK&E SPEC NO): _____ CR-043

申科承认书版次(SK&E VERSION): _____ A/2

日 期(DATE): _____ 2021/10/18

使用方确认签字 CUSTOMER APPROVED SIGNATURE

采购确认 Purchasing	技术确认 Product Engineering	品质确认 Quality Assurance

承制方确认签字 SUPPLIER APPROVED SIGNATURE

采购确认 Purchasing	技术确认 Product Engineering	品质确认 Quality Assurance

确认签字、盖章后请寄回此承认书一份

地 址(ADD.): 河北省辛集市市府大街府东工业区 9 号

NO.9,Fudong Industrial Zone, Shifu Avenue,Xinji,Hebei,China.

电 话(TEL.): 0311-85395167

传 真(FAX.): 0311-85395888;

邮 箱 E-MAIL: wangxiangyu@shenk.com.cn

Item: Ribbon	Customer:	Page: 2/2
Part No.: SK02	Spec No.: CR-043	Rev:A/2

1. 材料名称 Name of the material:	铁基纳米晶 Fe-based Nanocrystalline																																														
材料牌号 Code number of material:	1K107 material																																														
2. 带材厚度 Strip thickness:	34+/-3μ m																																														
3. 带宽及公差 Width tolerance:	for 4.5-50mm width+0/-0.4mm																																														
4. 带材外径 Roll outside diameter:	210mm																																														
5. 物理特性 Physical properties:	<table border="1"> <thead> <tr> <th>NO.</th> <th>ITEM</th> <th>Unit</th> <th>Reference value</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Saturated induction density (Bs)</td> <td>T</td> <td>1.25</td> </tr> <tr> <td>2</td> <td>Permeability (μ i)</td> <td>Gs/Oe</td> <td>8.5*10^4</td> </tr> <tr> <td>3</td> <td>Maximum permeability (μ max)</td> <td>Gs/Oe</td> <td>40*10^4</td> </tr> <tr> <td>4</td> <td>Curie temperature (Tc)</td> <td>℃</td> <td>560</td> </tr> <tr> <td>5</td> <td>Crystallization Temperature (Tx)</td> <td>℃</td> <td>510</td> </tr> <tr> <td>5</td> <td>Density (ρ)</td> <td>g/cm³</td> <td>7.2</td> </tr> <tr> <td>6</td> <td>Resistivity (δ)</td> <td>μ Ω .cm</td> <td>130</td> </tr> <tr> <td>7</td> <td>Hardness (Hv)</td> <td>kg/mm 2</td> <td>880</td> </tr> <tr> <td>8</td> <td>Magnetostriction(×10-6)</td> <td></td> <td><2</td> </tr> <tr> <td>9</td> <td>Coercivity</td> <td>A/M</td> <td><2</td> </tr> </tbody> </table>			NO.	ITEM	Unit	Reference value	1	Saturated induction density (Bs)	T	1.25	2	Permeability (μ i)	Gs/Oe	8.5*10^4	3	Maximum permeability (μ max)	Gs/Oe	40*10^4	4	Curie temperature (Tc)	℃	560	5	Crystallization Temperature (Tx)	℃	510	5	Density (ρ)	g/cm³	7.2	6	Resistivity (δ)	μ Ω .cm	130	7	Hardness (Hv)	kg/mm 2	880	8	Magnetostriction(×10-6)		<2	9	Coercivity	A/M	<2
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6. 包装要求 Shipment conditions:	<p>6.1 SNK will send test results of the strip material on which is written the electrical values measured as a core in dimensions 23×28/width mm before each shipment. On the test certificate the heat number (the melting number of the material) of the coil should be marked.</p> <p>6.2 After confirmation of customer, the shipment will be released.</p> <p>6.3 Each roll of strip material will be protected in the boxes so that no damage will happen during sea & air freight.</p> <p>6.4 Put plastic package into carton and lined with cystosepiment.</p> <p>6.5 On each roll the melting number should be written on a label.</p>																																														
7. 外观要求 Visual test conditions:	<p>7.1 There should be</p> <p>a- no hole on the strip material</p> <p>b- no cracks on the edges of the strip causing to tear-up during winding</p> <p>7.2 No rust or lubricant material should be on the strip material</p> <p>7.3 On each roll label should be written strip width</p>																																														
Note:	<p>1) Mechanical test is according to IEC60664-1(1992).</p> <p>2) All measurements are done at room temperature (20℃ to 30℃)</p>																																														

A/2	2021/10/18	更换规格书模板	孙晓义	曾望
A/1	2021/03/10	修改带材宽度	孙晓义	曾望
A/0	2018/11/25	新建	孙晓义	曾望
Revision	Date	Alteration	Created	Checked
Created: 孙晓义	Checked: 王猛	Approved: 曾望	Date: 2021/10/18	