

PROPERTIES OF TAK MATERIALS (TAK 材質表)

MATERIALS) 鎮一鋅氧化磁鐵粉系列(高頻使用) Ni-Zn Ferrite Series (For High U CHARACTERISTICS(特性) UNIT(單位) DL₂ DL3 DL4 DL₅ DL₆ Liac (初透磁率) 300 350 400 600 300 APPLICABLE 適用 MHz(百萬赫兹) 0.1 - 20.1 - 20.1 - 20.1 - 20.1 - 2FREQUENCY 頻率 Bm(飽和磁束密度) Gauss(高斯) 2600 3500 3500 4000 4300 Br(殘留磁束密度) Gauss(高斯) 1600 2000 2400 1500 2400 Oersted(奥斯特) Hc(保持力) 0.9 0.5 0.7 0.3 0.3 °C(攝氏) Tc(居禮温度) 180 200 180 200 220 X10⁻⁶/°C(攝氏) 25 25 10 30 25 a Hr(温度係數) Tan δ/μ iac 20(0.1) 15(0.1) 12(0.1) 15(0.1) 20(0.1) X10⁻⁶ (相對損失因子) 100(2.0) 80(2.0) 80(2.0) 80(2.0) 90(2.0) g/cm³(公克/立方公分) d(密度) 4.8 4.9 4.8 4.9 4.8 10^{7} 10^{7} 10^{7} 10⁷ 10⁷ Ω cm(欧姆) D(表面阻抗)

SPECIFICATION

規格號碼 DRAWING NO.

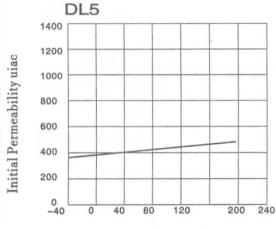
顧 主 CUSTOMER 品名

關連規格號碼 CUSTOMER DRAWING NO.

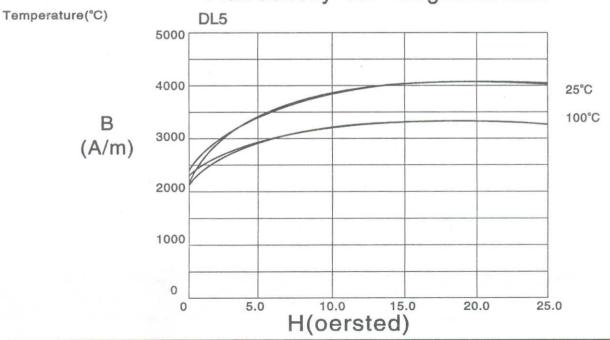
DL5 MATERIAL

			DLU	IVI						
材質 MAT'L	圖 法 METHOD	單 位 UNIT	尺度 SCALE	制 定 DESIGN				承 認 APPVD	確 認 CHKD	立案 DWN
		M/M			年 YEAR	月 MONTH	日 DAY			
修認 REVISION	1	ι.	年 YE.		月 MONTH	日 DAY				
	2	2.	年 YEA		月 MONTH	日 DAY				
	3	3.	年 YEA		月 MONTH	日 DAY				

Initial Permeabi I ituy vs.temperature



Flux density vs. Magneitic field



河源鐵研電子科技有限公司 TAK Technology CO.,LTD



No. CANEC0802809702

Date: 07 Jun 2008

Page 1 of 4

TAK TECHNOLOGY CO.,LTD NO.3RD INDUSTRIAL AREA JUZHOU SHIJIE TOWN DONGGUAN CITY GUANGDONG PROVINCE CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DL5 MATERIAL FERRITE CORE

SGS Job No.

11064108 - SZ

8.2

SGS Internal Reference No. : Date of Sample Received

02 Jun 2008

Testing Period

02 Jun 2008 - 06 Jun 2008

Test Requested

Selected test(s) as requested by client.

Test Method

Please refer to next page(s).

Test Results

Please refer to next page(s).

Signed for and on behalf of SGS-CSTC Ltd.

Huang Fang, Sunny

Sr. Engineer

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Page 2 of 4

Test Results:

ID for specimen 1

: CAN08-028097.002

Description for specimen 1

: Dk-gray core

Heavy metal(s)

Test Item(s)	Unit	Test Method (Reference)	Result	MDL
Cadmium (Cd)	mg/kg	IEC 62321/2nd CDV (111/95/CDV), ICP-OES	N.D.	2
Lead (Pb)	mg/kg	IEC 62321/2nd CDV (111/95/CDV), ICP-OES	94	2
Mercury (Hg)	mg/kg	IEC 62321/2nd CDV (111/95/CDV), ICP-OES	N.D.	2
Hexavalent Chromium (CrVI) by	mg/kg	IEC 62321/2nd CDV (111/95/CDV), UV-Vis	N.D.	2
alkaline extraction				

Note:

1. mg/kg = ppm

2. N.D. = Not Detected (< MDL)

3. MDL = Method Detection Limit







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| 198 Kezhu Road, Scientech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 中国·广州·经济技术开发区科学城科珠路198号 邮编:510663

t (86-20)82155555 f (86-20)82075113 t (86-20)82155555 f (86-20)82075113 e sgs.china@sgs.com



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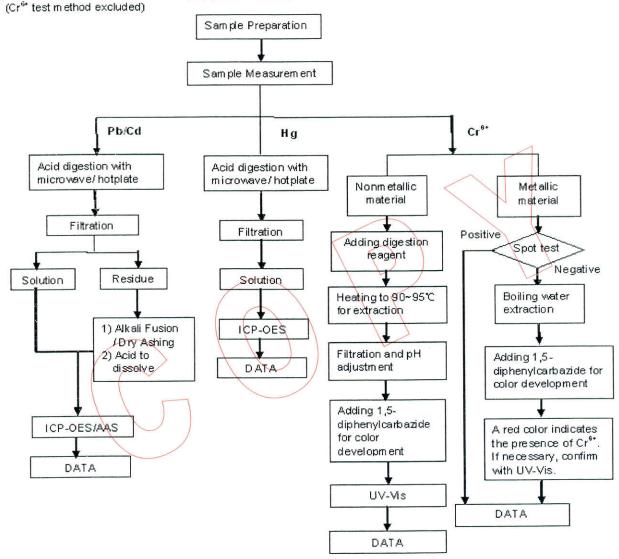
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Page 3 of 4

ATTACHMENTS

Testing Flow Chart

- Name of the person who made measurement: Bowen Chen
- 2) Name of the person in charge of measurement: Adams Yu
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart.



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| 198 Kezhu Road, Scientech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 | 中国・广州・经济技术开发区科学城科珠路198号 邮编:510663

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Page 4 of 4

Sample photo:



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