



电镀标准色卡

ELECTROPLATING COLOR CARD

WHERE PASSION MEETS EXCELLENCE



HSD

使用说明 / INSTRUCTIONS FOR USE

01 电镀定义 | Definition of Electroplating

电镀就是利用电解原理在被镀物表面镀上一层金属或合金的过程，是利用电解原理使金属或其他材料制作的表面附着一层金属膜的工艺，从而起到防止腐蚀，提高耐磨性、降低导电性、反光性及增进美观的作用。

Electroplating is the process of plating one metal onto another's surface by using the principle of electrolysis. It is used to improve the surface qualities such as preventing corrosion of a metal, improving abrasion resistance, abating electrical conductivity and reflective, or for decorative purposes.

02 电镀工艺介绍 | Electroplating Technology

1. 本电镀色卡为华圣达常用电镀色卡，作为客户选择电镀颜色之参考。
2. 电镀按工艺可分为滚镀（滚电）、挂镀（挂电）、挂镀扫沙（挂电扫沙）等。
3. 电镀过程因工件、批次不同及电镀工艺的特殊性，电镀颜色会存在轻微色差。在高温、潮湿、强光、强酸碱液体及腐蚀性物品等的环境中会造成电镀质量发生不同变化，如：变色、色泽度变差、脱皮、氧化等现象。
4. 常规电镀产品在温度 -10~25℃，相对湿度 70%RH 以下的避光环境中可存放半年不变色，超出半年可能会存在轻微变色现象。
5. 华圣达拉头电镀色卡的产品全面使用环保工艺制作！

1. The HSD plating color cards are used as a reference for customers to choose the plating color.
2. The Electroplating technology can be divided into three categories. "Roll plating", "Hanger plating" and "Hanger Brush".
3. Due to the particularities of electroplating process, batch of raw materials and electroplating technology, it may result a slight color difference in electroplating products from different batches. The quality of the electroplating products will have changes such as color fading, luminance variation, peeling and oxidation under the high temperature, humidity, strong light, acid, alkali liquids, and corrosion environment.
4. The color of general electroplating products will not be changed for six months by storing in a dark environment under the condition of temperature between -10~25 °C, relative humidity 70%RH. A slight discoloration may appear if store more than six months.
5. The overall electroplating colors are made with environmental protection technology!

03 华圣达不含镍(叻)规范 | HSD Nickel Free Policy

本电镀色卡上的无镍（叻）系列产品均为环保产品，符合 EN71-3:2013、ROHS、REACH 法规、552/2009/EC 等法规要求。

The electroplating color nickel free products are environmentally friendly which meet the EN71-3:2013, ROHS, REACH regulation, 552/2009/EC as well as the regulatory requirements.

04 注意事项 | Attention

1. 客户如有盐雾测试要求，重洗水要求，请在订单中注明清楚，以便于电镀作特殊处理。
2. 电镀产品一般可以经过常规的干洗、水洗及普通机洗，但在洗涤过程中，应尽量避免与水磨石或尖、硬、粗糙等物体直接摩擦和碰撞。
3. 不可在较强的酸性、碱性液体或有机溶剂中长时间浸泡。
4. 电镀产品的储存环境要求通风、干燥，避免因储存环境差而造成电镀质量变化。

1. Please indicate clearly beforehand in order to facilitate the electroplating process with special treatments if there is salt spray test or heavy washing requirements.
2. Electroplating products can be general hand washing, dry cleaning, and general machine-washing. During the washing, it should avoid direct contact and collision from terrazzo, or objects that are hard, rough or with sharp points.
3. Avoid soaking under strong acid, alkaline, organic dissolvent for a long period of time.
4. The electroplating products should be stored in a cool, dry and ventilated environment to avoid the change of electroplating quality due to poor storage environment.

05 电镀产品外观、色差的鉴别方法 | Methods to Distinguishing the Appearance and Color Deviation of the Plating Goods

1. 电镀产品的表面可以在自然光线或日光灯环境下，距离约 0.3M 处目测，镀层表面不应有明显的皱皮、裂纹、伤痕等。
2. 同批次产品色差不应低于 GB/T250 4 级，与来样色差应不低于 GB/T250 3.5 级，特殊电镀效果除外。

1. The surface of electroplating products should appear no obvious crinkle or scratch when being tested at the distance of about 0.3M from eyes with natural light or fluorescent light source.
2. For the same batch products, the color shading should not be lower than Level 4 of GB250 standard. For the original counter samples, it should not be lower than Level 3.5 of GB 250 standard, except for the special electroplating colors.



银色
Nickel
C5



哑银
Matte Nickel
N



挂哑银
Hanger Matte Nickel
HM



挂厚银扫沙
Hanger Brushed Rich Nickel
HTNB



挂浅枪
Hanger Light Gunmetal
HLGM



挂中枪
Hanger Gunmetal
HMG



挂深枪
Hanger Dark Gunmetal
HDG



挂厚中枪扫沙
Hanger Brushed Rich Gunmetal
HTMGB



挂银色
Hanger Nickel
P



浅克色
Antique Nickel
H



深克色
Dark Antique Nickel
V



哑深克色
Matte Dark Antique Nickel
MDAN



挂哑中枪
Hanger Matte Gunmetal
HMMG



红铜
Copper
C



哑红铜
Matte Copper
CM



挂红铜
Hanger Copper
HC



挂哑红铜
Hanger Matte Copper
HMCN



挂厚红铜扫沙
Hanger Brushed Rich Copper
HTBC



挂青铜
Hanger Brass
HB



锡
Tin
T



青铜锡
Brass Tin
BT



红铜锡
Copper Tin
CT



红古锡
Antique Copper Tin
ACT



 ● 浅浅金 Pale Gold PLG1	 ● 浅真金 Pale Light Gold PLG	 ● 浅金 Light Imitation Gold LIG	 ● 金色 Imitation Gold IG	 ● 黄铜 Brass O
 ● 真金 Gold Q	 ● 哑真金 Matte Gold MG	 ★ 挂金色 Hanger Imitation Gold HIG	 ★ 挂哑金 Hanger Imitation Matte Gold HMIG	 ★ 挂厚金扫沙 Hanger Brushed Imitation Gold HTIG
 ★ 挂浅金#3 Hanger Light Imitation Gold #3 HLIG3	 ★ 挂浅金#6 Hanger Light Imitation Gold #6 HLIG6	 ★ 挂浅金#7 Hanger Light Imitation Gold #7 HLIG7	 ★ 挂厚浅金#3扫沙 Hanger Brushed Rich Light Gold #3 HTLIG3	 ★ 挂18K金 Hanger 18K Gold LGD18
 ● 玫瑰金 Rose Gold RD	 ★ 挂玫瑰金 Hanger Rose Gold HRG	 ★ 挂深玫瑰金 Hanger Dark Rose Gold HDRG	 ★ 挂粉玫瑰金 Imitation of Rose Gold HIRG	 ★ 挂哑18K金 Hanger 18K Matte Gold LGDY18



 ● 浅青古铜 Light Antique Brass LAB	 ● 青古铜 Antique Brass AB	 ● 中青古铜 Medium Antique Brass MAB	 ● 深青古铜 Dark Antique Brass DAB	 ★ 挂厚青古铜扫沙 Hanger Brushed Rich Antique Brass HTABC
 ● 红古铜 Antique Copper X	 ● 深红古铜 Dark Antique Copper DAC	 ● 厚红古铜扫沙 Brushed Rich Antique Copper TX	 ★ 挂厚红古铜扫沙 Hanger Brushed Rich Antique Copper HBAC	 ● 厚青古铜扫沙 Brushed Rich Antique Brass TABC
 ● 浅合金 Light Alloy NLG	 ● 合金 Alloy A	 ● 黑古铜 Black Oxidized X6	 ▲ 手喷高温黑古铜 Black Oxidized Lacquer XG6	 ▲ 手喷橡胶漆 Rubber Hanger Painting RHP
 ■ 烤漆哑黑 Barrel Painting Matte Black E M+色号 Color No./D580 黑Black/	 ■ 烤漆亮黑 Barrel Painting Shiny Black E S+色号 Color No./D580 黑Black/	 ▲ 手喷哑黑 Rack Painting Matte Black HP M+色号 Color No./D580 黑Black/	 ▲ 手喷半亮黑 Hand Spray Black HP HS+色号 Color No./D580 黑Black/	 ▲ 手喷亮黑 Rack Painting Shiny Black HP S+色号 Color No./D580 黑Black/

● 滚镀 Roll Plating

★ 挂镀 Hanger Plating

▲ 手喷 Hand Spraying

■ 烤漆 Painting



此图标为箱包推荐之常用色款，但其余的亦适用于箱包上。
This icon is the recommended color for bags. Never the less, the rest is applicable to bags as well.



▲ 手喷哑白色
Rack Painting Matte White
HP M+色号 Color No./D501 白 White/



▲ 手喷半亮白色
Rack Painting White
HP HS+色号 Color No./D501 白 White/



▲ 手喷亮白色
Rack Painting Shiny White
HP S+色号 Color No./D501 白 White/



▲ 花式手喷(白绿蓝花)
Fancy Enamel
(White/Green/Blue)
HP 1+色号 3 Colors No.
D501 白 +D150 绿 +D164 蓝



▲ 手喷哑绿色
Hand Spray Matte Green
HP M+色号 Color No./D150 绿 Green/



▲ 手喷半亮绿色
Rack Painting Green
HP HS+色号 Color No./D150 绿 Green/



▲ 手喷亮绿色
Rack Painting Shiny Green
HP S+色号 Color No./D150 绿 Green/



▲ 花式手喷(绿黄花)
Fancy Enamel
(Green/Fluorescent Green/Yellow)
HP 1+色号 3 Colors No.
D150 绿 +D535 荧光绿 +D504 黄



▲ 手喷哑蓝色
Hand Spray Matte Blue
HP M+色号 Color No./D164 蓝 Blue/



▲ 手喷半亮蓝色
Hand Spray Blue
HP HS+色号 Color No./D164 蓝 Blue/



▲ 手喷亮蓝色
Hand Spray Shiny Blue
HP S+色号 Color No./D164 蓝 Blue/



▲ 花式手喷(蓝黄花)
Fancy Enamel
(Blue/Fluorescent Yellow/White)
HP 1+色号 3 Colors No.
D164 蓝 +D803 荧光黄 +D501 白

● 滚镀 Roll Plating ★ 挂镀 Hanger Plating ▲ 手喷 Hand Spraying ■ 烤漆 Painting



此图标为箱包推荐之常用色款，但其余的亦适用于箱包上。
This icon is the recommended color for bags. Never the less, the rest is applicable to bags as well.

备注 | NOTE

※ 电镀色卡应存放在干燥通风的室内，避免有机溶剂或酸碱，并防止阳光直接照射。
Plating card should be stored in dry and ventilated room, avoid the organic solvents or acid alkali, and prevent direct sunlight.

※ 此电镀色卡有效期为2~3年。
This electroplating card validation is 2~3 years.

※ 如需要新产品的查询，请联系HSD了解更多信息。
For new products enquiry, please further contact HSD sales department for more information.

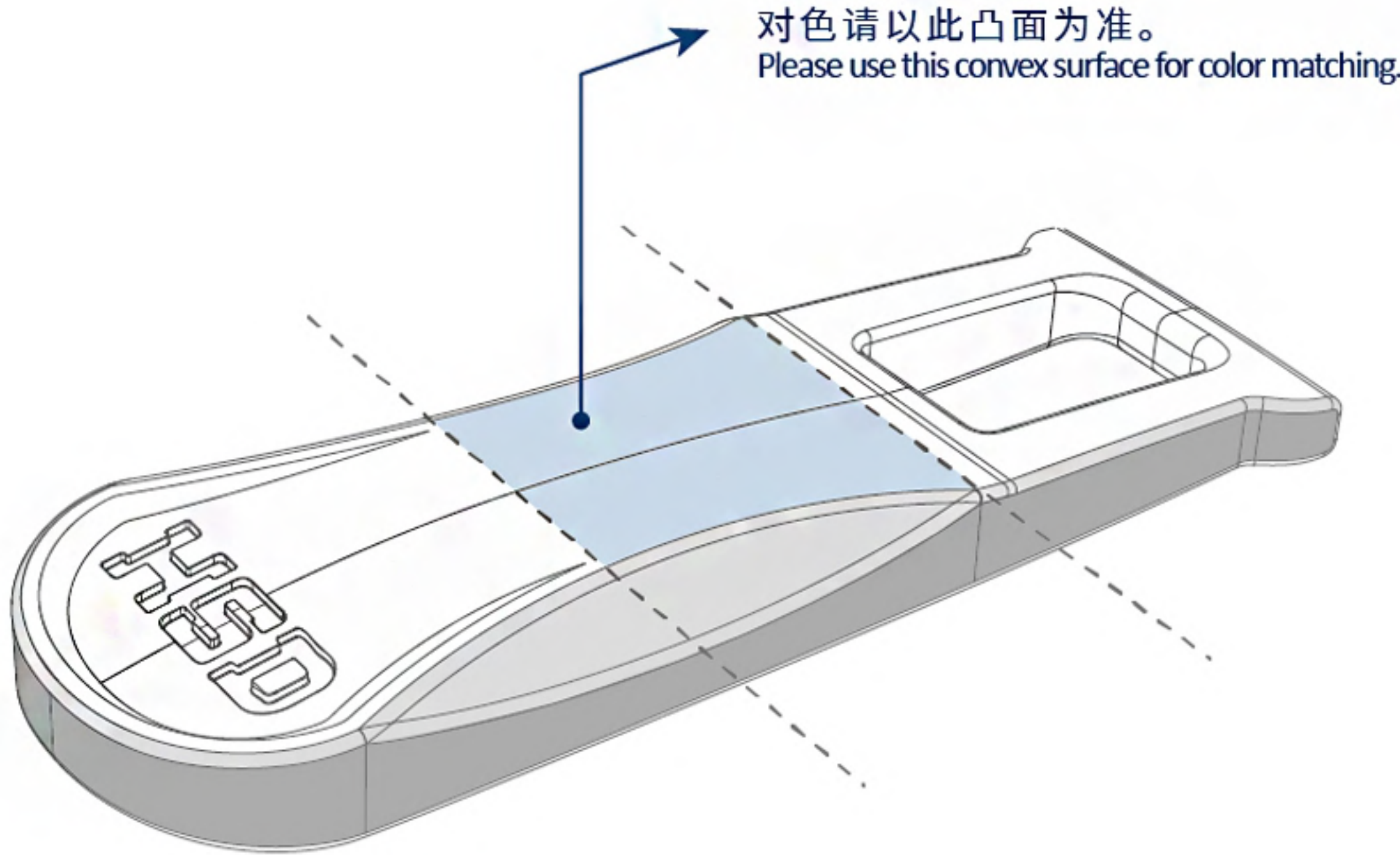
※ HSD拥有保留电镀表面效果调整的权利。
HSD reserves the rights of electroplating finish adjustments.

※ 其他说明 | Others

产品皆使用环保无镍电镀。
All of colors use environmental nickel free plating (N/F).

烤漆部分仅展示不同烤漆所呈现的外观，请按照下单流程进行下单。
Painting colors are only to display the appearance of different painting methods. Please order in process.

对色参考标准 | COLOR REFERENCE STANDARD



※ 因着色的时间不同，可能部分品项颜色效果会产生沉积问题（如滚电与铜色系列）。
Due to the different coloring time, the color effect of some items may cause deposition problems (such as rolling and copper series).
※ 若产品有棱角的造型，在电镀时，产品的棱角边际可能会有色差的风险产生。
If the product has an angular shape, during electroplating, the edge of the product may have a risk of color difference.

06

电镀产品理化性能表

| Physicochemical Properties of Plating Items

检测项目 TEST ITEMS	引用标准 STANDARD & METHOD	测试结果 TEST RESULT
耐酵素洗 Resistant to Enzyme Washing	PH值4-6、温度45-60℃时间45-60分钟 PH value 4-6, temperature 45-60℃ Time: 45-60minutes	色牢度4级以上 Color fastness ≥ Level 4
耐盐雾 Corrosion Resistance	GB/T 6461-2002	产品表面无腐蚀、氧化现象 No visual change
色差 Color Shading	Gb250UF定变用灰色样卡 GB250 Gray scale evaluation	同批电镀产品应不低于GB250 4级标准， 与来样相比应不低于GB250 3.5级标准。 GB250- no lower than level 4 in the same batch GB250- no lower than level 3.5 compare with original standard
不含有害及受限制物质 No harmful and restricted substances	OEKO-TEX 100 EN71- 3	重金属及其他化性指标达标,并能过检针 Products comply heavy metal , other chemical regulation and pass needle detection

07

拉头参数说明

| Parameter Description of Slider

工艺图标说明 Icon Description

图片
Picture

工艺
craft

图标
Icon

滚镀
Roll Plating

挂镀
Hanger Plating

手喷
Hand Spraying

烤漆
Painting

●

★

▲

■

拉片模具编号
Mould Code of Puller

1D5006

电镀色_中文名称
Electroplating Color _ Chinese Name

电镀色_英文名称
Electroplating Color _ English Name

BOM资料
Bom Code

银色
Nickel
C5

银色
Nickel
C5





Where Passion Meets Excellence
—— 华圣达, 热情与卓越 ——

全球营销网络

GLOBAL SALES NETWORK

华圣达于1991年创立, 累积超过20年制造、销售、服务的专业经历, 至今已遍及全球以下地区: 深圳, 广州, 北京, 上海, 香港, 台湾, 柬埔寨, 越南, 孟加拉国, 印度尼西亚, 巴基斯坦, 德国, 法国, 美国。为满足各地客户需求, 现今仍积极拓展企业版图, 连结出更完整的营销网络。

HSD was established in 1991 and has accumulated more than 20 years of professional experience in manufacturing, selling and customer servicing. At present, HSD has offices in Shenzhen, Guangzhou, Beijing, Shanghai, Hong Kong, Taiwan, Cambodia, Bangladesh, Vietnam, Indonesia, Pakistan, Germany, France and the US.

We will continue to actively expand our business network to meet our customer's needs.



华圣达拉链有限公司
Huashengda Zipper Co., Ltd.

深圳工厂
Shenzhen Factory

柬埔寨工厂
Cambodia Factory

浙江嘉善智能科技工厂
Zhejiang Jiashan Intelligent Technology Factory



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电镀标准色卡

ELECTROPLATING COLOR CARD