

Our vision Your future





(株)大炫为了“**The World of Microcapsule**”的发展主要在感性化学的多样领域内进行研究。

For the vision "The World of Microcapsule",
DAEHYUN is undergoing specialized research
in various fields of chemical sensitivity.



The World of Microcapsule

(株) DAEHYUN现已具备通过色相集中研究使用视觉和香味对嗅觉的利用方案,采用胶囊化增大耐久性,把产品灵活的应用且根据客户的要求提供产品的技术能力。今后也会通过不断的技术开发,扩大企业的应用范围,替代进口效果,进一步增加出口量,争取为成为全球化公司而尽最大努力。

DAEHYUN is focus on plans using sense of sight and smell. DAEHYUN has the technology to provide customized products to customers' requirements. In the future, we will develop technology continously and furthermore we will do our best to grow up global corporation.

OUR MAIN SERVICES

通过本身的技术自己合成超细胶囊产品

Microcapsule synthesis through its own technology

油性/水性可通用的产品特性

Applicable Oil/Water based

可根据各用途调节胶囊大小

Adjustable capsule size

根据客户要求可选择温度及色相

Customized temperature and color

根据客户要求可选择香味及浓度

Customized flavor and concentration

根据应用产品可选择是否有耐光性

Applicable high light fastness

事业领域



TCC series(感温胶囊)

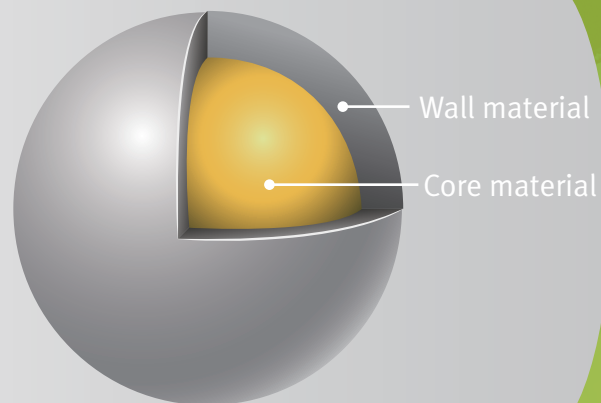
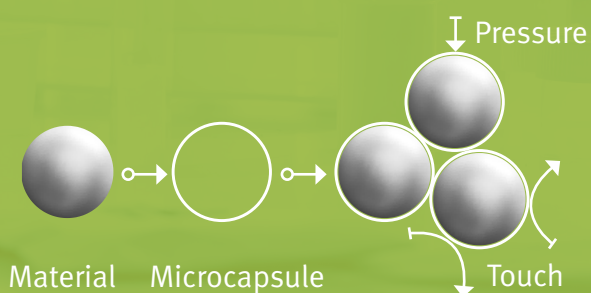
体现根据温度变化引起色相变化
Changing in color as a function of temperature



PCC series(感光胶囊)

实现根据是否有光源引起色相的变化
Changing in color as a function of ultraviolet rays

Microcapsule



Care series(抗菌胶囊)

引进微粒高分子胶囊化技术, 极大化的实现天然防虫效果的胶囊

Encapsulated in a natural insect repellent

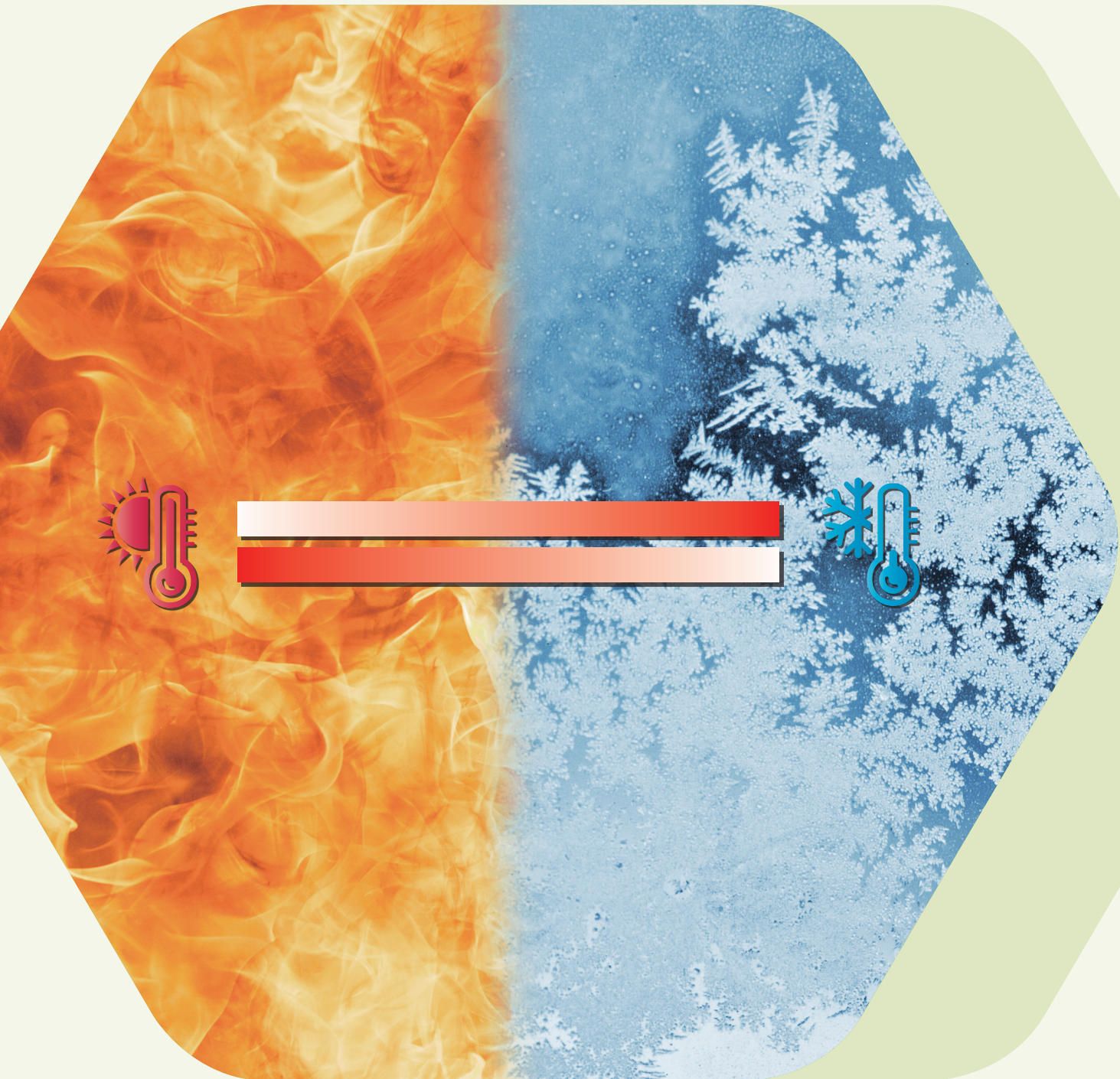


Aroma series(香味胶囊)

用脂溶性成分的香味通过胶囊化技术, 把液体的香味凝固

Encapsulated the perfume oil of the liquid

Our Thermochromic Color Change Microcapsule Series





"使用BPAF原料生产为更生态友好的环保产品"
"Eco friendly using a BPAF"

感温变色胶囊 产品特点 TCC Series Key point

- 根据温度变化引起为色相变化
- Changing in color as a degree of temperature
- 根据客户的要求可以调整变色的温度和色相
- Temperature range, and color can be adjusted by the customer's needs.
- 高耐光性(Highly Light-Resistant, HLR)的产品使之可应用于不同的领域
- Applicable high light resistant type

感温变色胶囊 产品类型 TCC Sreies Types

- 液体(Slurry), 粉末(Powder)
- 高耐光型(Highly Light-Resistant, HLR)
- Nomal类型



感温变色胶囊 配色表 TCC Sreies Color chart

color \ temp	15	20	25	31	33	35	40	45	50	55	60	65	70
Black	●	●	●	●	●	●	●	●	●	●	●	●	●
Dark Blue	●	●	●	●	●	●	●	●	●	●	●	●	●
Sky Blue	✓	✓	●	●	●	●	✓	✓	✓	✓	✓	✓	✓
Green	✓	✓	●	●	●	●	✓	✓	✓	✓	✓	✓	✓
Majenta	✓	✓	●	●	●	●	✓	✓	✓	✓	✓	✓	✓
Orange	✓	✓	●	●	●	●	✓	✓	✓	✓	✓	✓	✓
Red	●	●	●	●	●	●	●	●	●	●	●	●	●
Yellow	✓	✓	●	●	●	●	✓	✓	✓	✓	✓	✓	✓
Violet	✓	✓	●	●	●	●	✓	✓	✓	✓	✓	✓	✓

✓ : 定制生产 Order
● : 库存生产 Stock

· 另外温度/配色产品热线咨询
Another temperature/color are negotiable

感温胶囊 应用案例 TCC Series Applications

服装/织物 Clothes/ Textiles



婴儿安全用品/日常用品/文具类
Daily-use items/ Stationery



美容应用产品 Beauty items



Our Photochromic Color Change Microcapsule Series



感光变色胶囊 产品特点 PCC Series Key point

- 根据有无光源（太阳光或紫外线）引起为色相变化
- Changing in color as a amount of ultraviolet rays
- 根据客户的要求可调整变化的色相
- Color can be adjusted by the customer's needs
- 高耐光性(Highly Light-Resistant, HLR)的产品使之可应用于不同的领域
- Applicable high light resistant type
- 耐溶剂性方面品质优秀
- High solvent resistance

感光变色胶囊 产品类型 PCC Series Types

- 液体(Slurry), 粉末(Powder)



感光变色胶囊 技术特性 PCC series Features

- 可确认紫外线泄漏程度（不可逆）
- You can check degree of UV exposure (Irreversible)
- 可应用于多样化保安技能
- It is possible to use diverse security functions
- 可应用于墨镜/时装项目等
- It is also usable in sunglasses/fashion items/etc

感光变色胶囊 配色表 PCC Series Color Chart

● Red	
● T.Q Blue	
● Sky Blue	
● Blue	
● Orange	
● Violet	

感光胶囊 应用案例 PCC Series Applications

PCC Series Applications

服装/织物 Clothes/ Textiles



时尚配饰 Fashion Accessories



假冒检测/审验机类

Detection/ inspection items



Our Perfume,Care Microcapsule Series

香味胶囊 (Aroma MicroCapsule Series)

- 把脂溶性成分的芳香油应用超细胶囊华技术，使液体的香味转为凝固的产品
- 控制芳香油香味的散发量，符合客户的用途和目的可以适用在多种产业领域应用的产品
- Applicable across industries because it's possible that controlling the export amount of fragrance as microencapsule fragrance of fat-soluble

香味胶囊 产品类型 Aroma Series Type

液体(Slurry), 粉末(Powder)

芳香油 类型 Aroma Oil List

Rose, mint, acacia, jasmine, lemon, rosemary, pine, peach, lavender, fressia, apple, eucalyptus, leather, coffee, chocolate

香味胶囊 应用领域 Aroma Series Applications

纤维柔软剂/建筑材料/香味纸张/香味墙纸/香味水性涂料/香味防水膜/香味名片/也可应用于其他用途
Fabric conditioner/building materials/aroma paper/aroma wallpaper/aroma water paints/aroma banner/aroma business card/etc.

灭除蚊子/防虫胶囊 (M-Care MicroCapsule Series)

- 使用胶囊内部的天然药物缓慢放出的微细胶囊化的特点，可长时间持续的防虫效果的产品。
- A material in the capsule is slowly released. It can expect the effect maintaining a long time
- 具有消灭或灭除蚊子、蚂蚁等各种害虫有卓越的效果
- It is good at various harmful insects such as silverfish,tick,ant, etc
- 与香味胶囊混合使用, 可感觉好香味功能
- You can add our Aroma series
- 使用不含有害物质的环保原料
- It is totally made up natural materials

防虫胶囊 产品类型 M-Care Series Type

液体(Slurry), 粉末(Powder)

原料 类型 Material Oil

Citronella, Eucalyptus, IR-3535
为了如不喜欢Citronella, 香茅油香味的客户，
因此我司研制了可以跟香味胶囊一起搭配使用的产品
If you don't like scent of Citronella,
you can use it with our Aroma Series

防虫胶囊 应用领域 Aroma Series Applications

野外用品/喷射产品/功能性衣服/防虫产品/可应用于其他用途
Outdoor goods/spray products/Functional clothing/insect repellent products/etc



抗菌/抗虫胶囊 (I-Care MicroCapsule Series)

- 芥末具有从有害病毒，细菌，霉菌中保护自身的抗菌功能
- Wasabi protects itself from virus, bacteria and mold
- 对细菌生存的地毯，床，沙发，家具等生活用品及野外用品有卓越的抗虫效果
- It shows excellent insect repellent effects in household items such as carpet, bedding, sofa, furniture, etc
- 使用不含有害物质的环保原料
- It is completely harmless to human

抗菌/抗虫胶囊 类型 I-Care Series Types

液体(Slurry), 粉末(Powder)

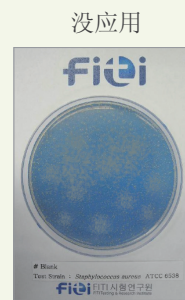
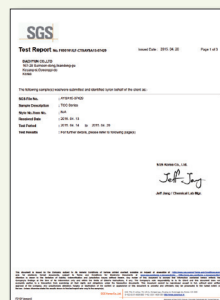
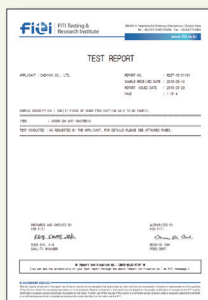
抗菌/抗虫胶囊 原料 I-Care Series materials

Wasabi oil, Phytoncide, PY(Pyrethrins),
CN(Cinnamin) MF(Multi-Function)

抗菌/抗虫胶囊 应用领域 I-Care Series Applications

野外用品/抗菌墙纸/抗菌水性涂料/具有抗菌功能的文具类/文化材料的保管用品/也可应用余其他用途
amping supplies, anti-bacterial wallpaper/anti-bacterial water paint/anti-bacterial stationery/
product to preserve cultural assets/etc.

抗菌/防虫 检验报告书 Certificate report



Before



After



Dae Hyun - Global chemical company that develops and produces microcapsule



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