GreenDee 技术资料

GDResin EB-200 | 产品介绍审核节选

- 保留原资料第 4、6–10 页，用于产品组成、供应商建议量、成膜测试方法与定性/半定量展示。
- 已删除地址与联系信息、目录页、完整推荐配方及供应商品牌清单。
- 15%抗皮脂对比和粉体附着展示仅适用于原页所述唇彩基料、涂膜与干燥条件，不等同人体或成品功效。
- 当前商品名以 Ver.202607 的 GDResin EB-200 为准；EB-202 作为同产品代码 12012 的历史名称记录。

审核日期：2026-08-11 | 原页码与证据边界见产品页来源记录

产品概述 Product Overview

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GDResin EB-200

中文名称	INCI	CAS-No.	Content%
双-羟乙氧丙基聚二甲基硅氧烷/IPDI 共聚物氨基甲酸乙酯	BIS-HYDROXYETHOXYPROPYL DIMETHICONE/IPDI COPOLYMER ETHYLCARBAMATE	628723-36-4	50-75
聚二甲基硅氧烷	DIMETHICONE	9006-65-9	20-35
三甲基硅烷氧基硅酸酯	TRIMETHYLSILOXYSILICATE	68988-56-7	5-15

- 外观Appearance: 无色透明至浅黄色液体 Colorless transparent to light yellow liquid
- 气味Ordor: 特征性气味 Characteristic ordor
- 粘度Viscosity: 4,000-200,000 cps (@25°C)

推荐用量Recommended Dosage:

✦不沾杯唇釉、口红Transfer-proof lip glosses & lipsticks：15-25%

✦底妆Foundation products：1-5%

✦睫毛膏Mascaras：1-3%

产品特点 Product Advantages

使形成的膜更加贴合皮肤，减少因皮肤活动而产生的皱纹和折痕，保持皮肤的平滑和紧致。
The resulting film conforms closely to skin, **minimizing creases and folds** caused by facial movements, and maintaining a smooth, taut skin appearance.

使形成的膜更加自然，不会给皮肤带来明显的厚重感或油腻感，提升整体妆面精致感。
The resulting film delivers a **natural finish** without obvious heaviness or greasiness on skin, elevating the delicate texture of the overall makeup look.

柔韧性和弹性
Flexibility & Elasticity

光泽度和透明度
Gloss & Transparency

附着力和耐摩擦性
Adhesion & Rub Resistance

可以让形成的膜不易脱落或损坏，从而保持化妆品的持久性和有效性。
The formed film **resists peeling and damage**, sustaining the lasting performance and efficacy of cosmetics.

增强色彩持久性
Color Retention Enhancement

通过形成薄膜固定色粉，长效锁色，减少因摩擦或油脂分泌而导致的色彩脱落。
It forms a thin film to **lock pigment powders**, effectively **mitigating color fading** caused by skin friction and sebum secretion.

保湿
Moisturizing Property

良好的封闭性和防水膜。
Offers **excellent occlusivity** and forms a **water-resistant film**.

柔韧性&弹性 Flexibility & Elasticity

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MQ Resin EB-200

Initial film formation

MQ Resin EB-200

Fold the coating vertically and horizontally after 2 h

- **测试方法Test Method**：将待测样品均匀涂布于硅胶片，控制涂膜厚度 100μm，自然静置 2 小时后，将硅胶片沿横竖方向对折。
  Spread the test sample evenly on a silicone sheet to a film thickness of 100 μm, allow it to stand for 2 hours, then fold the silicone sheet vertically and horizontally.
- **测试样品Test Sample**：成膜剂Film-forming agent：异构十二Isododecane=2:1

EB-200 成膜通透光亮，柔韧高弹，可随肌肤伸缩弯折不易开裂。

EB-200 delivers transparent glossy flexible film that stretches and resists cracking.

抗皮脂性 Sebum Resistance

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测试方法 Test Method

I. 在同种配方唇彩基料上，分别添加等量的成膜剂，混合后将料体均匀涂布在玻璃平板上。

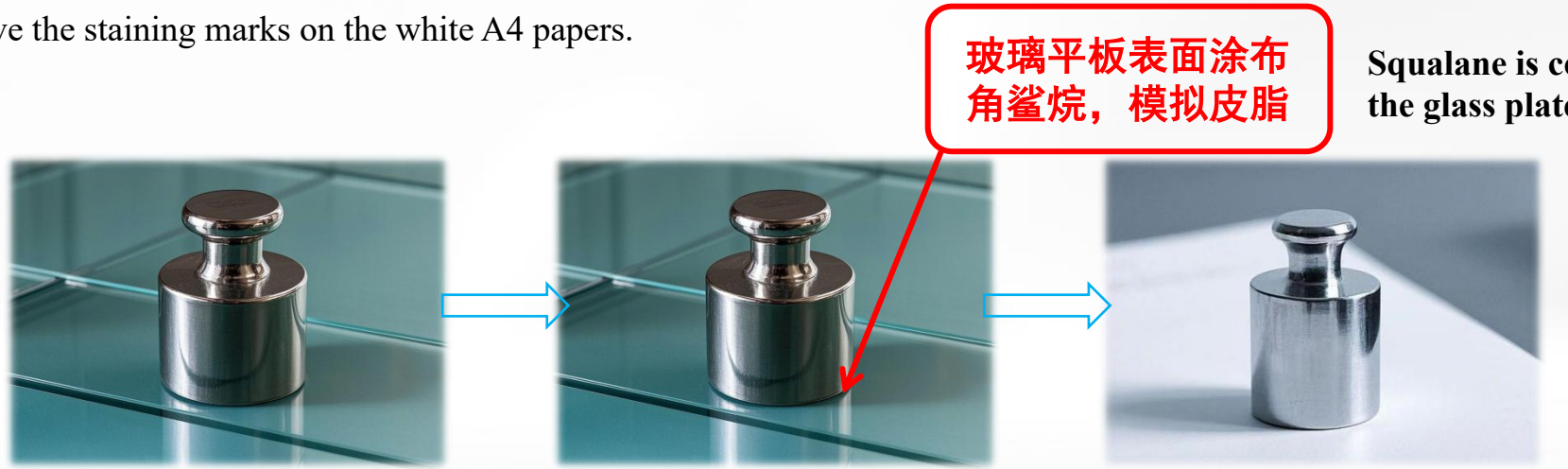
Equal amounts of each film-forming agent are separately added to lip gloss base of the same formula. After mixing, the mixture is evenly coated onto a glass plate.

II. 自然干燥2小时后，取0.1g角鲨烷滴落在玻璃平板上的料体中，使用200g的砝码轻放在成膜的料体上。

After natural air-drying for 2 hours, drop 0.1 g squalane onto each coated film on the glass plates, then gently place a 200 g weight on top of each formed film.

III. 2分钟后旋转砝码一周，将砝码轻放白色A4纸上，静置1分钟，观察白色A4纸的印染情况。

After 2 minutes, rotate each weight one full circle, transfer the weights gently onto separate white A4 papers, let them stand for 1 minute, and observe the staining marks on the white A4 papers.



Squalane is coated on the surface of the glass plate to simulate skin sebum.

抗皮脂性 Sebum Resistance

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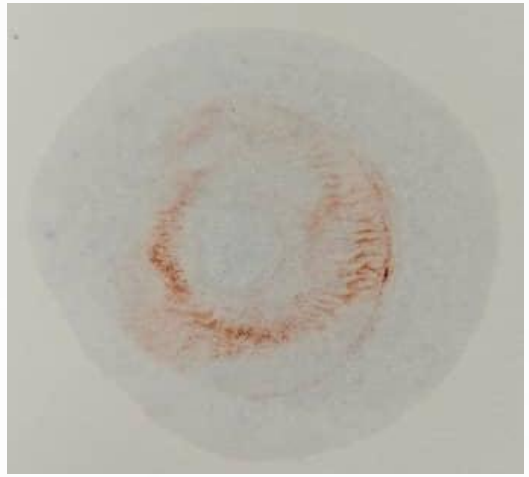
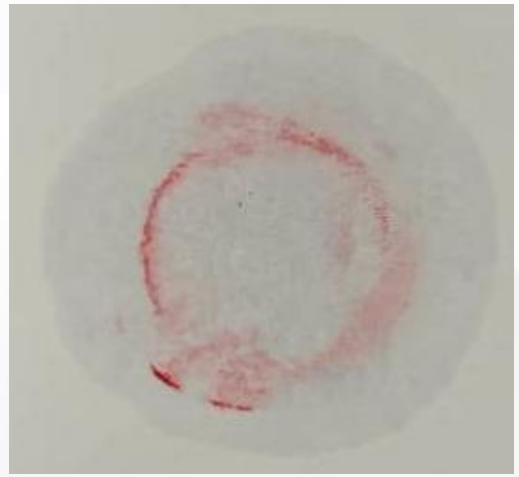
测试结果 Test Result

EB-200



添加量15%
Dosage of 15%

MQ Resin



添加量15%
Dosage of 15%

- ✓ 颜色越浅，抗皮脂性能越好。The lighter the stain, the better the sebum resistance.
- ✓ 抗皮脂性：EB-200 ≈ MQ硅树脂聚合物。Sebum resistance: EB-200 ≈ MQ silicone resin polymer
- ✓ EB-200的抗皮脂性能和MQ硅树脂的抗皮脂性能相当，EB200的肤感会更柔软。

  EB-200 delivers comparable sebum resistance to MQ silicone resin, while offering a softer skin feel.

成膜肤感 Film-forming skin feel

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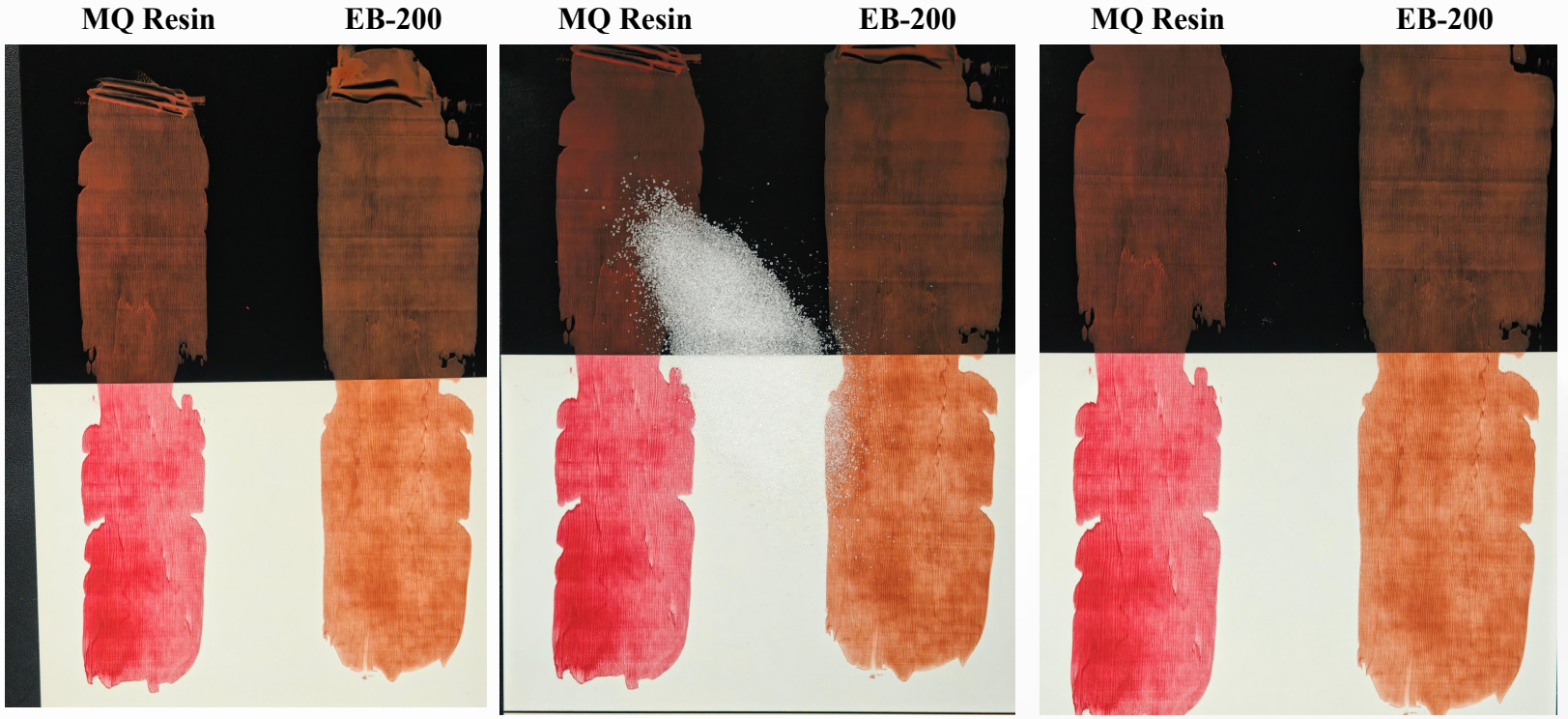

Note: 取相同配方唇彩基料，分别加入等量待测成膜剂；涂膜厚度控制为 5μm，自然干燥 10 分钟。
Equal amounts of each film-forming agent are separately incorporated into lip gloss base of the same formula. The coating thickness is set to 5 μm with a drying time of 10 minutes.

该图直观呈现了两款成膜剂应用于配方后的肤感差异。即便 EB-200 为软膜体系，对比 MQ 硅树脂形成的硬质膜层，其成膜表面依然不易吸附粉体，黏腻感偏低。

The figure intuitively demonstrates the skin feel performance of film-forming agents in formulas. Compared with the hard film formed by MQ resin, EB-200 forms a soft film. As shown in the picture, MQ resin adsorbs almost no powder, while EB-200 only adsorbs a small amount of powder. This proves that EB-200 has low tackiness, nearly matching the tackiness level of MQ resin's hard film.