

三洋化成
独自技術

Sanyo's
original

コメファイン® K

KOMEFINE K

お米由来の多機能粉体

Multifunctional powder derived from Japanese rice

- 米ぬかのアップサイクル
Upcycling of rice brans
- 着色顔料フリーで自然な肌の色に
Color pigment-free for a natural skin tone
- 感触改良粉体
肌なじみ良好、べたつき抑制
Texture improvement powder
Excellent compatibility with skin and suppression of stickiness
- SPFブースター効果
SPF booster effect
- テカリ防止
Shine prevention
- 非GMOの植物由来原料
Non-GMO, Plant-based material



製品情報



Cosmetic
ingredient site

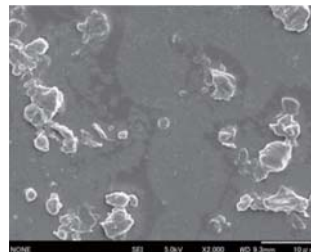


成分情報 Component

INCI Name	Defatted Rice Bran
化粧品表示名称 Japanese label name of cosmetic	脱脂コメヌカ
中文名称 Chinese label name	脱脂米糠
外観 Appearance	淡褐色粉体 Pale straw colored powder

感触改良粉体 Texture improvement powder

- 粒径が5~40 μ mのため、粉体製剤の感触向上
Improves the texture of powder cosmetics due to particle size of 5-40 μ m
- さらさらの感触
Smooth feeling
- 不定形なので肌なじみ良く、ソフトフォーカス効果あり
Excellent compatibility with skin and creates a soft focus effect due to indefinite shape
- プレストファンデーション、おしろい等に
For pressed foundation, face powder, etc.



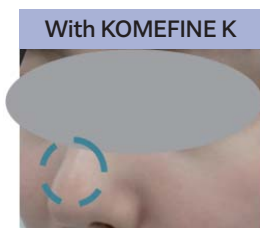
SEM image

テカリ防止 Shine prevention

- 吸油効果で皮脂によるテカリを防止できる
Oil-absorbing effect prevents shine due to sebum
- プレストファンデーション、おしろい等に
For pressed foundation, face powder, etc.



CONTROL



With KOMEFINE K

市販のフェイスパウダーにコメファイン® Kを10%添加したものを顔に半分ずつ塗布した（向かって左側 CONTROL、右側コメファイン® Kあり）。マスクを着用して1日過ごした後のテカリ具合を目視で評価した。

A sample formulation of commercial face powder with 10% post-addition of KOMEFINE K was prepared. The commercial product (CONTROL) and the KOMEFINE K-added formulation were applied to each half face. (Left: towards the face CONTROL, Right: with KOMEFINE K). The shininess was visually evaluated after one day of wearing a mask.

顔料フリーで自然な肌の色に Pigment-free for a natural skin tone

- 着色顔料フリー、鉱物フリーで着色
Color pigment-free, mineral-free coloring
- 約10 wt%配合で十分に着色可能
(一方、~2 wt%ではほとんど着色しない)

The addition of around 10% KOMEFINE K is sufficient to colour the product. (Conversely, less than 2% KOMEFINE K will not effect the colour to the point of concern).

コメファイン® K 添加量
Amount of KOMEFINE K added



市販BBクリーム
Commercially available
BB cream

◆IMPORTANT

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For detailed information, please contact below.
Sanyo Chemical Industries, Ltd.
URL <https://www.sanyo-chemical.co.jp>

Date issued: May 14, 2025



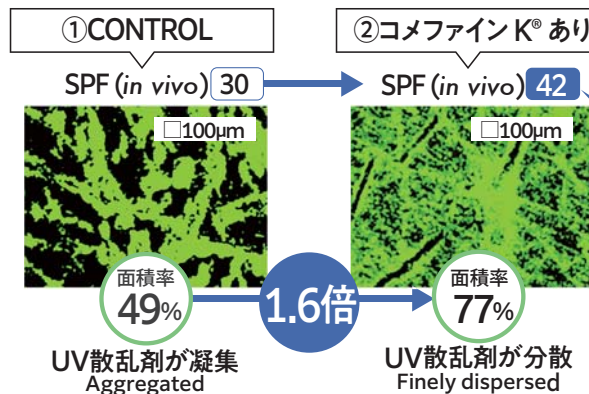


SPFブースター効果 SPF booster effect

酸化チタンを配合したUVケアクリームをSEM-EDSにて観察した。
UV care cream containing titanium dioxide was observed by SEM-EDS.

コメファイン K®は酸化チタンを分散し
均一な塗布膜を作る
KOMEFINE K disperses titanium dioxide and
create a uniform coating film.

→ SPFブースト効果 & 白浮き抑制
→ Boosts SPF performance, suppresses white
floating and improves formulation stability.



処方例 Formulation

(A)~(D) 水相

- (A) 分散・膨潤
Disperse and swell
- ▶ (A)に(B)を加えて6000rpm,1分 分散
Add (B) to (A) and disperse at 6000 rpm for 1 minute
 - ▶ (A+B)に(C)を加えて6000rpm,1分 分散
Add (C) to (A+B) and disperse at 6000 rpm for 1 minute
 - ▶ (A+B+C)に(D)を加えて6000rpm,1分 分散
Add (D) to (A+B+C) and disperse at 6000 rpm for 1 minute
 - ▶ 70℃ 均一に
Disperse uniformly at 70℃

(E)油相

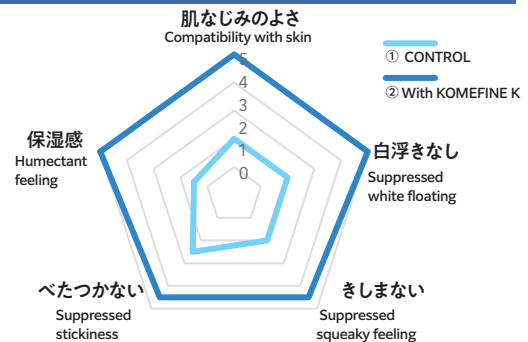
70℃ 均一に分散
Disperse uniformly
at 70℃

(A+B+C+D)に(E)を徐添し、乳化6000rpm, 1分
Add (E) gradually to (A+B+C+D) and emulsify at 6000 rpm for 1 minute.

室温まで冷却、脱泡 Cool to room temperature and defoam

官能評価 Sensory evaluation

研究員による官能評価平均
Average score of sensory evaluation
by researchers



	化粧品表示名称	INCI Name	機能 Function	①Control	② With KOMEFINE K
A	BG	BG	保湿剤、静菌剤 Moisturizer, Bacteriostatic Agent	4.0	4.0
	グリセリン	Glycerin	保湿剤 Moisturizer	2.0	2.0
	ベントナイト	Bentonite	増粘剤 Thickener	0.8	0.8
	フェノキシエタノール	Phenoxyethanol	防腐剤 Preservative	0.5	0.5
B	水	Water	-	51.35	52.75
	キサンタンガム	Xanthan Gum	増粘剤 Thickener	0.3	0.3
C	酸化チタン (未処理微粒子)	Titanium Dioxide	UV散乱剤 UV scattering agent	5.0	5.0
	ヘキサメタリン酸Na	Sodium Hexametaphosphate	分散剤 Dispersants	0.05	0.05
D	水酸化K (10% aq.)	KOH (10% aq.)	pH調整剤 pH adjuster	2.2	2.1
E	カプリン酸ポリグリセリル-3	Polyglyceryl-3 Caprate	乳化剤 Emulsifier	1.0	1.0
	ステアリン酸	Stearic Acid	乳化剤 Emulsifier	3.0	3.0
	ベヘニルアルコール	Behenyl Alcohol	乳化安定剤 Emulsion stabilizer	5.3	2.0
	トリ(カプリル酸/カプリン酸)グリセリル	Caprylic/Capric Triglyceride	エモリエント Emollient	15.0	15.0
	スクワラン	Squalane	エモリエント Emollient	3.0	3.0
	ジメチコン	Dimethicone	エモリエント Emollient	0.5	0.5
	メトキシケイヒ酸エチルヘキシル、 ジエチルアミノヒドロキシベンゾイル 安息香酸ヘキシル、 ビスエチルヘキシルオキシフェノール メトキシフェニルトリアジン	Ethylhexyl Methoxycinnamate, Diethylamino Hydroxybenzoyl Hexyl Benzoate, Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	UV吸収剤 UV absorber	6.0	6.0
	脱脂コメヌカ (コメファイン® K)	Defatted Rice Bran	SPFブースター SPF booster	-	2.0
	合計 Total			100.0	100.0
	SPF(in vivo)			30	42
	pH			7.2	7.2
	粘度(mPa・s) Viscosity			6740	6240

1.4倍
UP

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