

PRODUCT SPECIFICATION

Product Name	Rice Bran Wax
Product Code	AL00137
INCI Name	Oryza Sativa Bran Wax
CAS Number	8016-60-2

Material Origin and Composition

Rice Bran Wax is derived from the cold pressing and de-waxing of rice oil, producing a yellow, hard natural wax with a high melting point. Its physical and chemical characteristics closely resemble those of carnauba wax, making it a versatile option in various formulations where it can serve as an alternative.

Application

- **Lip Balms:** Provides a smooth texture and protective barrier, enhancing moisture retention.
- **Lotions and Creams:** Acts as a thickening agent and stabilizer, improving consistency and spreadability.
- **Lipsticks:** Adds firmness and helps maintain shape, while offering a smooth application.
- **Hair Care Products:** Improves texture and adds shine to hair formulations such as conditioners and styling products.
- **Sun Care Products:** Enhances the stability and water resistance of sunscreens and after-sun lotions.
- **Eyebrow Pencils:** Contributes to firmness and smooth application for defined, long-lasting brows.
- **Mascaras:** Provides structure and consistency, aiding in even application and long wear.
- **Solid Perfumes:** Acts as a base that holds fragrance oils and allows for smooth application.
- **Emulsions:** Serves as an emulsifier, helping to blend water and oil phases for stable products.

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• **Skin Balms:** Offers a protective, soothing layer for dry or irritated skin, enhancing barrier function.

Specification DATA

Items	Parameters
Appearance	Light yellow Pellets/Pastilles
Wax Content (%)	≥ 97
Oil Content (%)	0 - 3
Melting Point (°C)	77 - 82
Saponification Value (mg KOH/g)	70 - 95
Iodine Value (g/100g)	≤ 10
Fatty Acid (mg KOH/g)	≤ 12
Peroxide Value (Meq/kg)	≤ 10
Loss on drying (%)	≤ 1
Lead (mg/kg)	≤ 3.0
As (mg/kg)	≤ 3.0

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