

Rice Bran Wax



Rice Bran Wax primarily consists of high molecular weight monoesters ranging from C-46 to C-66. Rice Bran Wax has been historically used in a wide variety of cosmetics and foods, replacing Carnauba Wax in some applications. The color of Koster Keunen's domestically refined Rice Bran Wax is naturally rendered through batch chromatography technology and is not solvent extracted. This method of refinement retains low concentrations of policosanols, phospholipids, phytosterols, and squalene. The resulting Rice Bran Wax is of superior quality and competitively priced when compared to imported material.

Applications:

Lipsticks, Lip Balms, Make-ups, Mascaras, Sun Care, Fruit and Vegetable Coatings, Tablet and Candy Coating.

Advantages:

Rice Bran Wax can be used as a thickener and has emollience properties. Rice Bran Wax also works well as a binding, coating, or gelling agent.

Regulatory:

INCI Name: Oryza Sativa (Rice) Bran Wax

CAS#: 8016-60-2

| SPECIFICATIONS: | | | | | | |
|-----------------|---------------------|---------------|---------------|----------------------|--------------|-----------------------|
| Wax# | Wax Name | Melting Point | Acid Value | Saponification Value | Iodine Value | Color |
| 258 | Sunflower Wax | 74 - 77°C | <5 | 78 - 92 | – | Light Yellow |
| 224 | Rice Bran Wax | 78 - 82°C | ≤13 | 75 - 120 | ≤20 | Yellow to Light Brown |
| 429 | Jojoba Wax | 68 - 73°C | <5 | – | – | White |
| 424 | Sumac Wax | 44 - 54°C | 6 - 30 | 206 - 237 | – | White to Light Yellow |
| 112 | Synthetic Japan Wax | 48 - 56°C | 6 - 30 | 206 - 237 | – | – |
| COMPOSITION: | | | | | | |
| Wax# | Wax Name | Monoesters | Phospholipids | Triglycerides | Diglycerides | Free Fatty Acids |
| 258 | Sunflower Wax | 97 - 100% | 0 - 3% | – | – | 0 - 1% |
| 224 | Rice Bran Wax | 92 - 97% | 3 - 8% | – | – | 0 - 2% |
| 429 | Jojoba Wax | 98 - 100% | – | – | – | 0 - 1% |
| 424 | Sumac Wax | – | – | 90 - 100% | 0 - 5% | 0 - 5% |
| 112 | Synthetic Japan Wax | – | – | 90 - 100% | 0 - 5% | 0 - 5% |

Specific waxes that are most appropriate for this category have been highlighted here