PURABYK-W 5560 BOOST

Naturally derived micronized rapeseed wax for use in personal care applications to achieve a soft focus effect, increase water resistance, create a matte effect, and optimize consistency and texture (COSMOS APPROVED, NATRUE Approved).

Product data

Composition
Micronized, PTFE-modified Fischer-Tropsch wax
(INCI: Hydrogenated Rapeseed Oil)

Vegan

Typical properties
The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density:	0.91 g/cm³
Melting point:	70 °C
Particle size distribution D50:	6 µm
Particle size distribution D90:	16 µm
Bio-based carbon content (ASTM D6866):	100 %
Color:	white-off-white
Delivery form:	micropowder

Storage and transportation
Product shelf life in unopened original packaging: 24 months
Temperature sensitive. To be stored and transported at a temperature below 30 °C. Store dry in sealed containers.

Special note
During storage, agglomerates may form, but they can be dispersed again by applying increased shear forces during incorporation.

Applications

Personal care

Special features and benefits
PURABYK-W 5560 BOOST is a micronized rapeseed wax with a high melting point and small particle size. It offers high purity and brightness, creates a soft focus effect, and softens wrinkles and small imperfections. In addition, it increases the water resistance of sunscreen formulations and color cosmetics and has consistency-enhancing, texture-enhancing, and mattifying properties. PURABYK-W 5560 BOOST is bio-based and consists of 100 % renewable raw materials.

Recommended use

Creams and lotions	■
Sunscreen products	■
Liquid makeup	■
Powder-based formulations	■

■ Especially recommended ☐ Recommended

Recommended levels

1-10 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

PURABYK-W 5560 BOOST should be added at the end of the manufacturing process and incorporated with medium to high shear forces to ensure an even distribution of the powder in the final product.

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