

TECHNICAL DATA SHEET

Product: Natural Yellow Beeswax Pellets

INCI: Cera Alba

CAS: 8012-89-3

EINECS: 232-383-7

Origin: Natural (Animal derived)

Description

Natural wax secreted by honeybees, purified and pelletized for cosmetic use.

Physical & Chemical Properties

Parameter	Specification
Appearance	Yellow pellets
Odor	Characteristic honey-like
Melting Point	61–65°C
Acid Value	17–24 mg KOH/g
Ester Value	70–80 mg KOH/g
Saponification Value	87–104 mg KOH/g
Density (20°C)	~0.95–0.97 g/cm ³
Solubility	Insoluble in water, soluble in oils

Function in Cosmetics

- Consistency agent
- Structuring wax
- Emollient
- Protective barrier former

Storage

Store in cool, dry conditions away from direct sunlight.
Keep container tightly closed.

Shelf Life

24–36 months under proper storage conditions.