

Cargill™ NatureWax™ 660-55M vegetable wax

Product Description

A proprietary blend of hydrogenated vegetable glycerides (vegetable waxes) based exclusively on rapeseed and coconut oil. Cargill™ NatureWax™ 660-55M vegetable wax contains neither ingredients with an animal or mineral/petroleum origin, nor ingredients originating from genetically modified (GM) plant sources.

Applications

- Wax Melts
- Tea Lights
- Small Containers

Advantages

- High-thermal stability: tolerant of repeated heating cycles without discoloration or malodor
- Neutral and very stable base odor which supports delicate fragrances
- White/light base ideal for addition of colors, giving strong/vibrant results
- Smooth finish and good tolerance to crystallisation bloom
- Excellent hot and cold fragrance throw
- Easy demolding of even complex forms, with a smooth and shiny surface finish

Typical Properties

CHEMICAL & PHYSICAL ANALYSIS ¹	TYPICAL VALUE	UoM	METHOD
Slip Melting point	50 (122)	°C (°F)	NEN 6313
Needle Penetration @ 25°C (77°F)	30	d-mm	ASTM D1321
Colour Red	0.5	Lovibond 5 ¼ "	ISO 15305
Colour Yellow	5	Lovibond 5 ¼ "	ISO 15305

¹Note: The specification for quality is final at loading. Cargill reserves the right to use internal analytical methods that follow the international reference methods.

Packaging, Storage, and Handling

Cargill™ NatureWax™ products are available in different formats depending on their origin. Please contact us for details.

For ease of use, store at 15-25°C (59-77°F). Protect from extreme heat and cold; prolonged storage at temperatures over 32°C (90°F), and under 5°C (41°F) should be avoided.

Use Instructions

Melting

The wax may be melted at about 70°C (158°F) to incorporate colors and fragrances. Higher temperatures are permissible but heating the wax above 90°C (194°F) for prolonged periods is not recommended.

Pouring

The ideal pouring temperature will depend on the mold size, the ambient temperature and other ingredients used; some small-scale experimentation is highly recommended before pouring larger quantities. The wax is tolerant to different pour temperatures, and a recommended starting range is 50-60°C (122-140°F).

Curing

The melt or candle should be allowed to cool and cure for at least 12 hours before use, preferably in a temperature-controlled environment.

Shelf Life

24 months from date of pack, for unopened boxes stored cool, dry and out of direct sunlight. Re-testing towards the end of the anticipated shelf-life may permit it to be extended. Please request assistance if this is required.

Environmental and Safety

NatureWax™ 660-55M vegetable wax is a non-hazardous* material. For more information on its environmental and regulatory status, please request our Safety Data Sheet.

Additional Information

- Additive-free
- Made with rapeseed of EU origin
- Kosher/Halal

If you have further questions do not hesitate to **reach out to your local representative.**

*NatureWax™ 660-55M vegetable wax is considered non-hazardous according to regulation (EC) No. 1272/2008.

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