

Technical Data Sheet

NatureWax® C-3S: Sunflower Wax

PRODUCT DESCRIPTION

A proprietary blend of hydrogenated vegetable glycerides ('vegetable waxes') based on sunflower and olive oil. NatureWax® C-3S contains no ingredients with an animal or mineral/petroleum origin and is free from materials originating from genetically-modified (GM) plant sources.

APPLICATION

Vegetable-based, ready-to-use wax blend developed primarily for use in scented container candles.

TECHNICAL CHEMICAL / PHYSICAL PROPERTIES

Chemical & Physical Analysis	Typical	UOM	Method
Congealing point	38	°C	ISO 2207
Drop point	47	°C	DIN ISO 2176
Needle Penetration	42	d-mm @ 25°C	DIN 51579
Colour	-2.1	Yi*-value	DIN 1925, ASTM E313
Colour	53.7	Wi*-value	CIE, ASTM E313

USE INSTRUCTIONS

Melting

The wax may be melted at about 70°C to incorporate colours, fragrances and other waxes. Higher temperatures are permissible but heating the wax above 90°C for prolonged periods is not recommended and may cause discolouration.

Pouring

The ideal pouring temperature will depend on the size of the candle, the ambient temperature and the other ingredients used; as an indication, pour at 50-55°C for a 200g / φ 8cm candle, when the container and surroundings are at 20°C.

Curing

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

SHELF LIFE, SHIPPING & STORAGE INFORMATION

Product Shelf Life

365 days 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.

Shipping & Storage Conditions

For ease of use, store at 18-25°C. Protect from extreme heat and cold (temperatures over 32°C and under 5°C).

CONTACT

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