COMMERCIAL TECHNICAL DATA SHEET

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CZ 75 Rapeseed Wax

Plant-based wax for sculptural moulded candles

PRODUCT CODE
CZ 75

Description

A blend of hydrogenated and partially hydrogenated rapeseed oils for candle making. A premium choice among European waxes for mould casting.

Technical properties

Test	Method	Unit	Value
Congealing point	ISO 2207	°C	62–65
Drop point *	ISO 2176	°C	66–71
Penetration at 25 °C	DIN 51579	0.1 mm	Approx. 20
Acid value *	ISO 3682	mg KOH/g	Max. 16.5
Saponification value	ISO 3681	mg KOH/g	180–200
Density at 20 °C	—	g/mL	Approx. 0.90
Colour *	Visual	—	White / off-white

* Parameters included in the delivery specification.

Benefits for sculptural candles

Compared with lower-melting rapeseed waxes, CZ 75 offers a higher melting temperature and a smooth, porcelain-like finish free from frosting. Its mechanical strength helps preserve fine features such as flower petals during demoulding. It releases cleanly from silicone moulds without sticking.

Applications

For cast or pressed candles. Pressed candle bodies require a dip coating. The wax can be coloured with dyes or pigments, retains fragrance well and releases it mainly during burning.

Storage and shelf life

Store in the original packaging below 30 °C and protect from moisture. Minimum shelf life of 3 years under these conditions.

Packaging

Fine granules or pellets in 25 kg bags.

Safety and REACH

See the SDS for safety information. The raw materials are reported as registered or exempt from registration under REACH.



Illustrative image of a moulded floral candle.

Important note

Check surface finish, mould release and burning performance with your own mould and formulation.

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