

REDECOAT-C

CURTAIN COAT WAXES FOR PAPER



Specialities

Description

REDECOAT C-4004 wax is a compound designed to add special properties to, or improve the existing properties of, the paper or material to which it is applied. It is made of highly-refined paraffins and selected additives that have been properly treated and deodorised for food use, in accordance with FDA regulations. It provides a good moisture and vapour barrier, good mechanical resistance to delamination, abrasion, scratching and wear, and perfect adherence at different temperatures

Applications

It is particularly suitable for coating papers for different uses due to its high curtain-coating ability which makes it shiny and hard. It is also suitable for other uses, such as an additive in paint, varnish and glue, in manufacturing certain types of candles, etc. It can be used for coating food wrap or special decorated paper that may come into contact with the skin.

Technical characteristics*

	UNITS	METHOD	REDECOAT C-4004
Ring and ball softening point	°C	ASTM D -36	93-96
Melting point	°C	ASTM D -127	94-98
Penetration at 25°C	tenths of mm	ASTM D-1321	6-9
Brookfield Viscosity at 120 °C (60 rpm/spd 31)	cP	ASTM D -3236	180-240
Brookfield Viscosity at 100 °C (60 rpm/spd 31)	cP	ASTM D -3236	320-380
Oil content	%	ASTM D-721	<0.5

Packaging / Storage

25 kg bags

Applicable regulations

- Commission regulation (EU) No. 10/2011 on plastic materials and articles intended to come into contact with food
- Recommendation Bfr XXV. Hard Paraffins, Microcrystalline Waxes and Mixtures of these with Waxes, Resins and Plastics. Part I (A. Hard paraffins of natural origin¹).
- FDA CFR 21: 172.886 (ap.B)
- European Pharmacopoeia 2002, Monographic 1034 "Parafinas macrocristalinas" (Microcrystalline Paraffins)

*Unless otherwise indicated, the figures cited in the technical specifications should be considered typical

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