

Specialities

Description

REDECOAT B-16 and REDECOAT LM-4 waxes are compounds devised to confer paper or any other material on which they are applied with special properties or to improve those already existing. They are made from highly refined types of paraffin and select additives that have been suitably treated and deodorised for their use in foodstuff applications, in compliance with FDA regulations. They present an effective barrier against water or vapour, strong mechanical resistance to delamination, abrasion, scratching, wear-and-tear and perfect adherence at different temperatures. They are very stable in storage.

Applications

They are suitable for coating paper used in the manufacturing of disposable glasses, conferring them with a high gloss and rigidity. They are also suitable for other uses such as additives in paints, varnishes and glues, in the manufacture of certain types of candle, etc. They can be used for coating wrapping paper for food contact or special decorative papers that may be in contact with the skin. REDECOAT LM-14 is used to give paper greater rigidity and gloss for holding cold liquids. REDECOAT B-16 is used for paper designed to hold hot liquids.

Technical characteristics*

	UNIT	METHOD	REDECOAT B-16	REDECOAT LM-4
Melting Point	°C	ASTM D 127	72-80	62-68
Congeaing Point	°C	ASTM D 938	72	
Penetration at 25 °C	dmm	ASTM D1321	< 35	14
Viscosity at 100 °C	cSt	ASTM D445	16	9
Oil content	%	ASTM D 721	< 1	< 0.5
Saybolt Colour	-	ASTM D 156	> 25	

Presentation

In 25 kg. bags.

Applicable regulations

- Comission regulation (EU) No. 10/2011 on plastic materials and articles intended to come into contact with food
- Recomendation 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 Farmacopeia 2002, Monografic 1034 "Macrocrystalline Paraffines"

*This information and technical advice is based on our present knowledge and experience. The values showed are typical values.